

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
 Data File : VX015434.D
 Acq On : 30 Mar 2020 17:35
 Operator : JC/SP
 Sample : L2022-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Quant Time: Mar 31 09:25:32 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	1104058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1822696	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1737422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	938137	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	765427	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	5.47	113	575669	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	8.70	98	2235693	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.12	95	968921	55.58	ug/l	0.00
Spiked Amount			Recovery	=	111.16%	

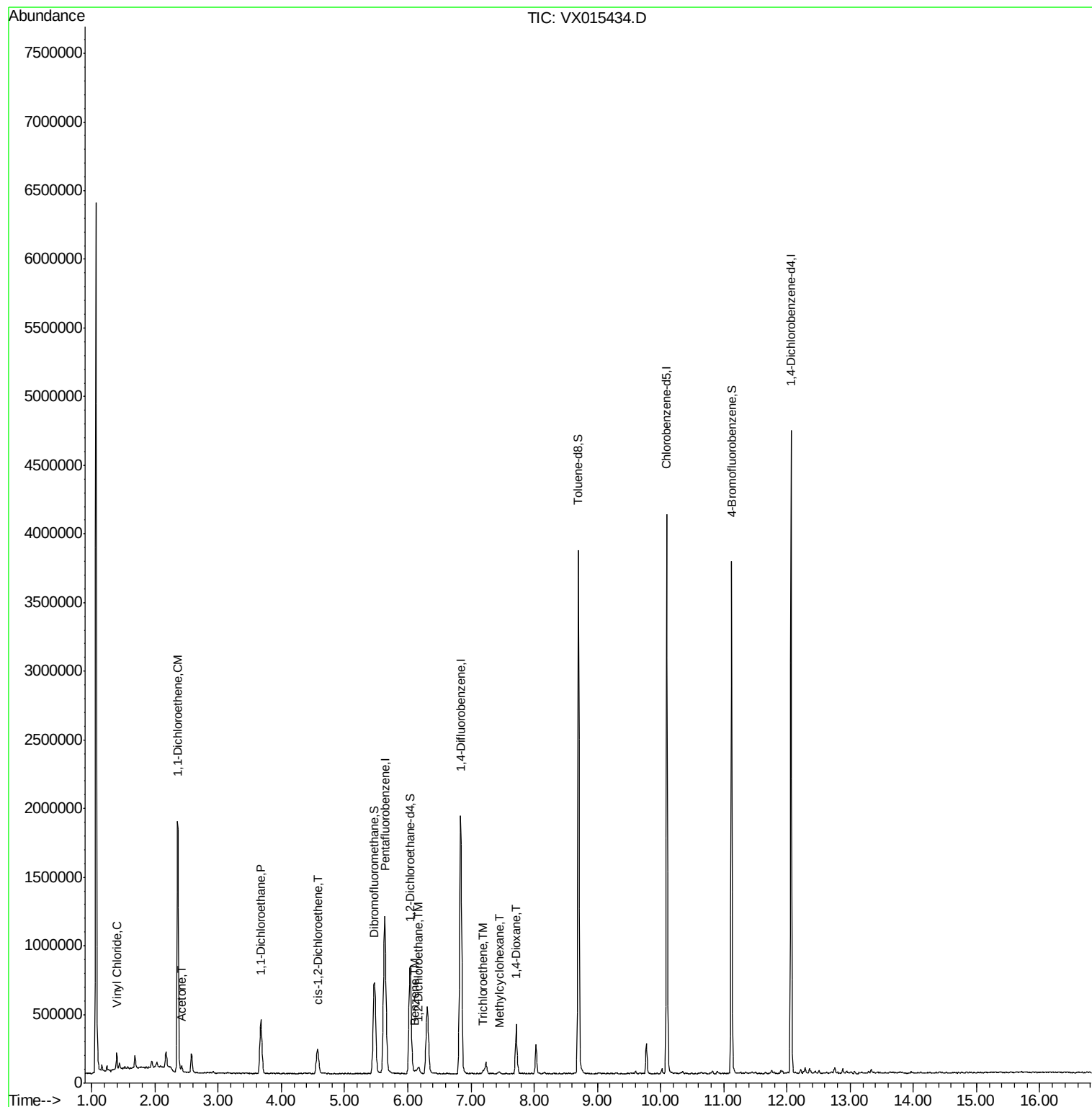
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	74414	6.542	ug/l	98
12) 1,1-Dichloroethene	2.36	96	581258	55.764	ug/l	94
16) Acetone	2.42	43	53711	8.029	ug/l	96
24) 1,1-Dichloroethane	3.67	63	462926	20.373	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	113280	8.464	ug/l	91
39) Methylcyclohexane	7.45	83	6842	0.353	ug/l #	70
40) Benzene	6.12	78	27523	0.559	ug/l	95
42) 1,2-Dichloroethane	6.17	62	58105	2.940	ug/l	98
44) Trichloroethene	7.20	130	10940	0.815	ug/l	88
49) 1,4-Dioxane	7.71	88	248155	721.459	ug/l	98

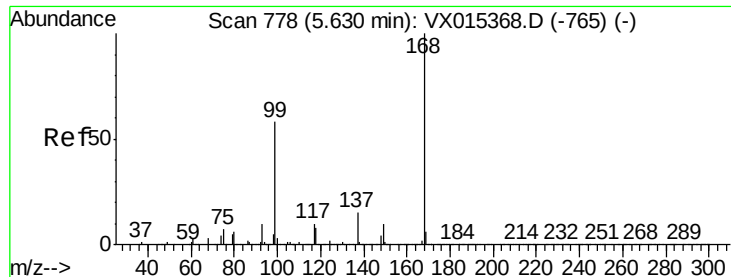
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX033020\
Data File : VX015434.D
Acq On : 30 Mar 2020 17:35
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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Quant Time: Mar 31 09:25:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
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: VX015434.D

Acq: 30 Mar 2020 17:35

Instrument :

MSVOA_X

ClientSampleId :

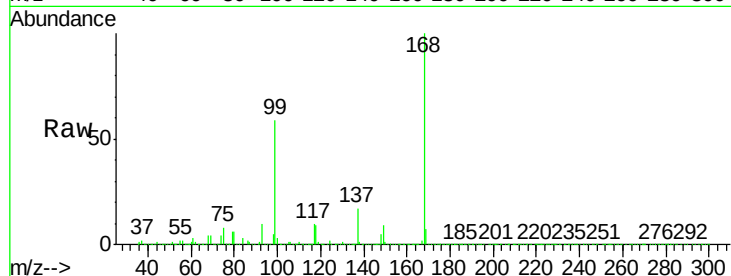
DUP-1

Tot Ion:168 Resp: 1104058

Ion Ratio Lower Upper

168 100

99 59.3 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

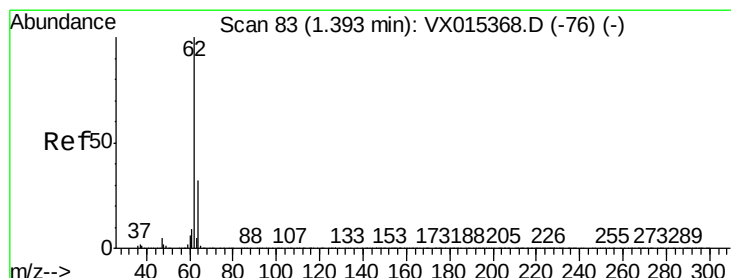
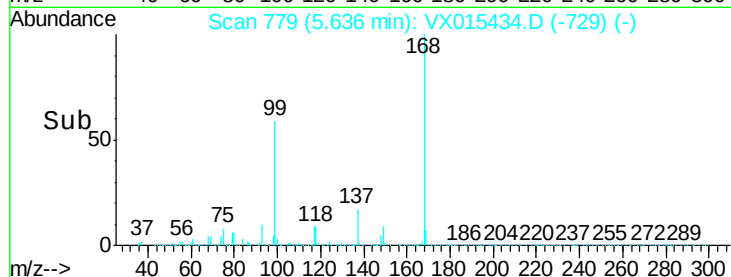
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 6.542 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015434.D

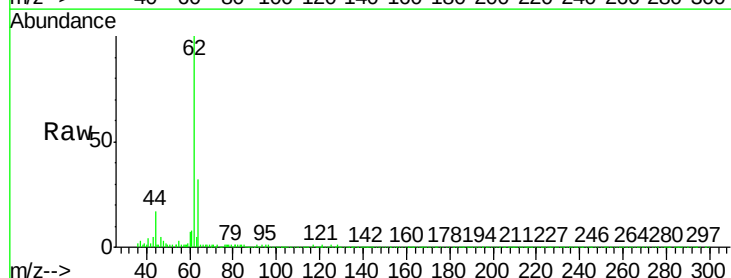
Acq: 30 Mar 2020 17:35

Tgt Ion: 62 Resp: 74414

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

80000

60000

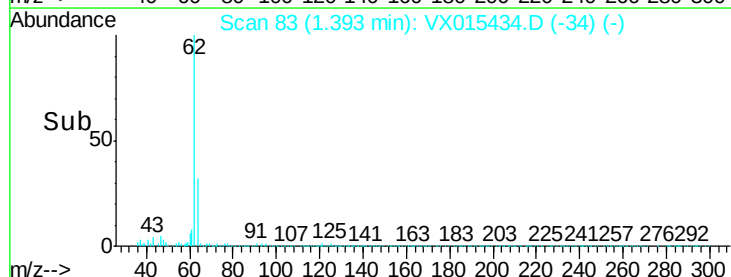
40000

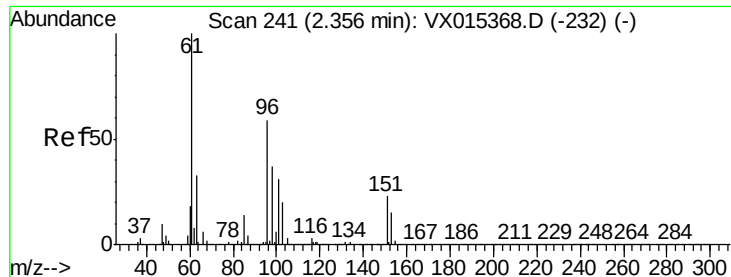
20000

0

1.30 1.35 1.40 1.45 1.50

Time-->





#12

1,1-Dichloroethene

Concen: 55.764 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX015434.D

Acq: 30 Mar 2020 17:35

Instrument :

MSVOA_X

ClientSampled :

DUP-1

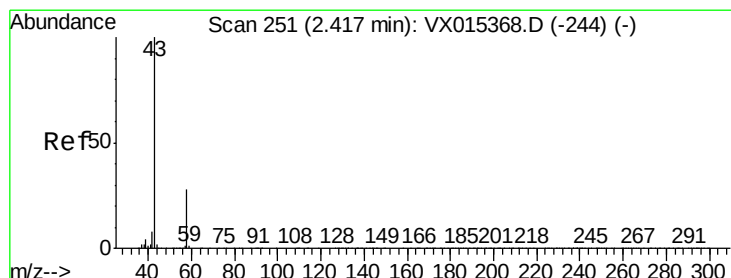
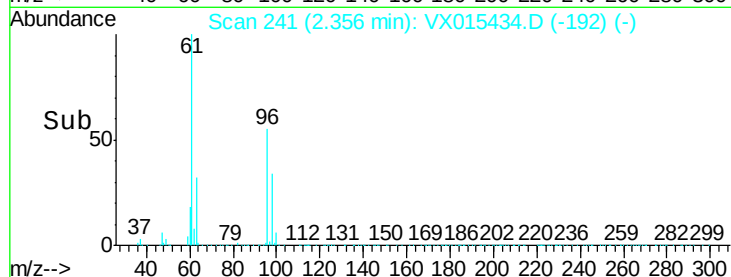
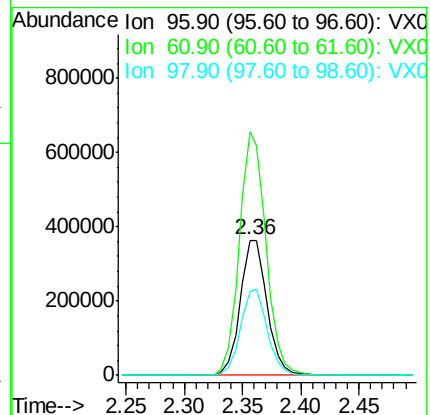
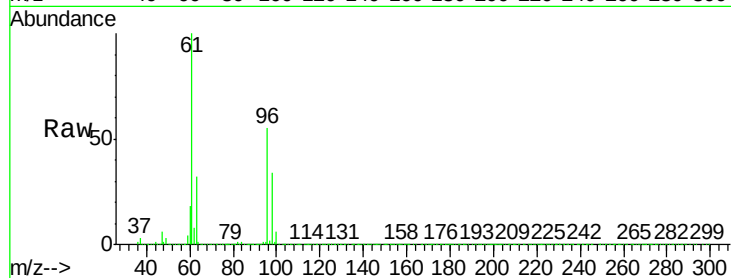
Tot Ion: 96 Resp: 581258

Ion Ratio Lower Upper

96 100

61 180.6 135.7 203.5

98 61.8 50.6 75.8



#16

Acetone

Concen: 8.029 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015434.D

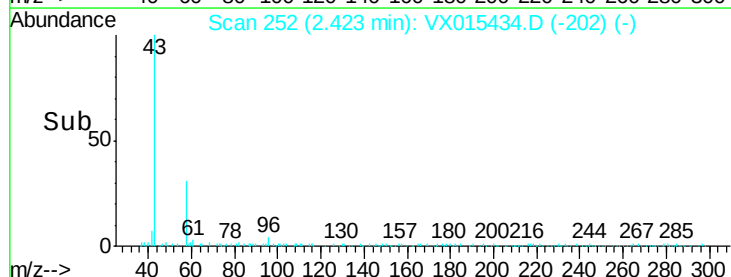
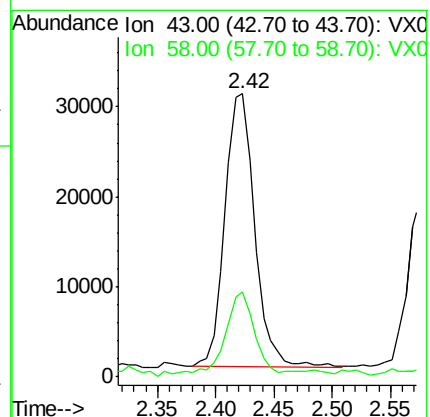
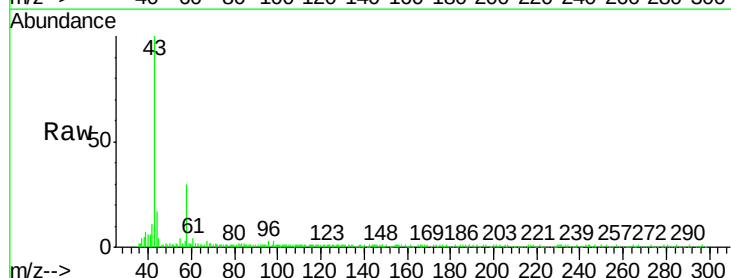
Acq: 30 Mar 2020 17:35

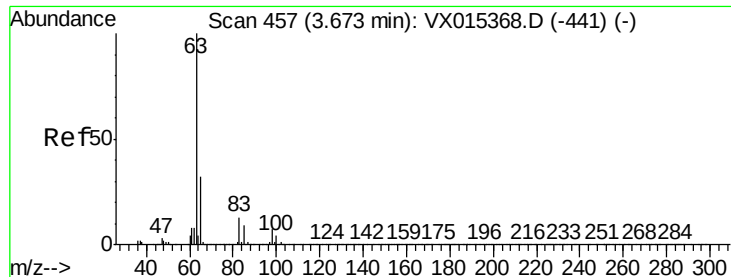
Tgt Ion: 43 Resp: 53711

Ion Ratio Lower Upper

43 100

58 29.9 22.1 33.1





#24

1,1-Dichloroethane

Concen: 20.373 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015434.D

Acq: 30 Mar 2020 17:35

Instrument :

MSVOA_X

ClientSampled :

DUP-1

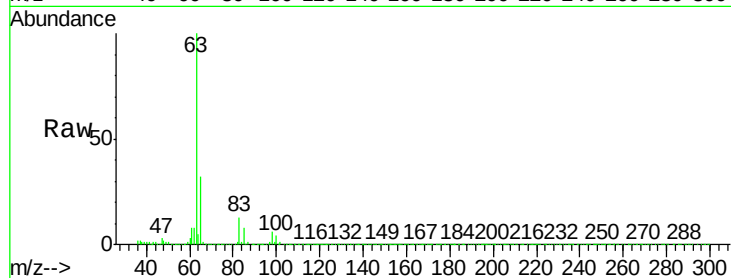
Tot Ion: 63 Resp: 462926

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

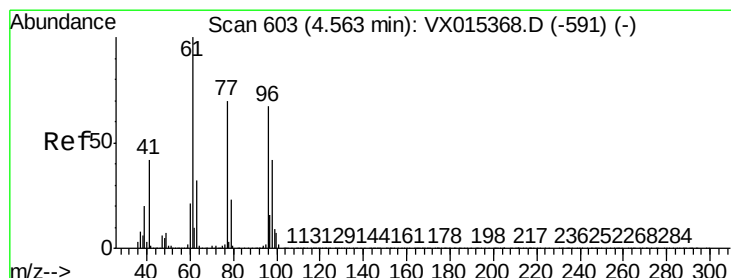
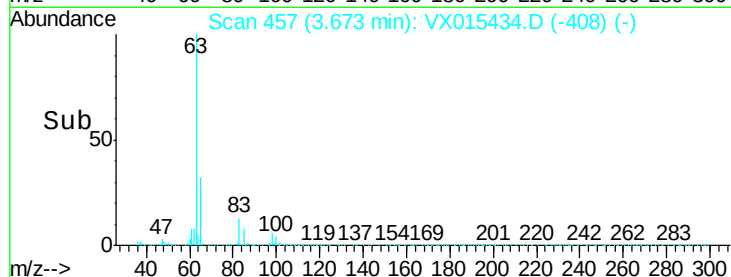
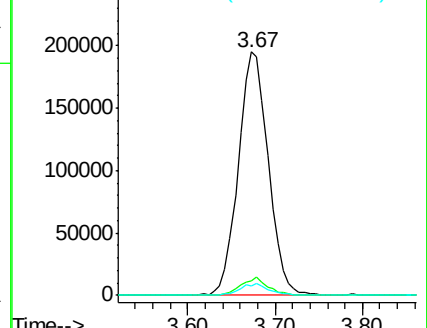
100 3.9 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 8.464 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015434.D

Acq: 30 Mar 2020 17:35

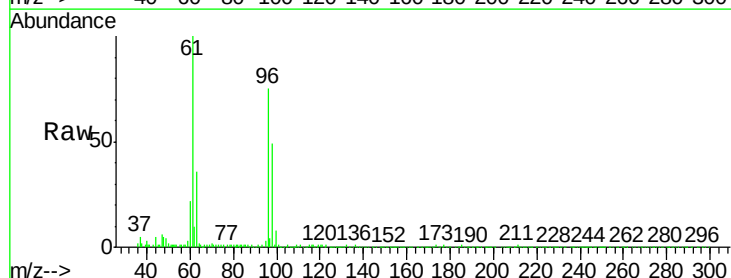
Tgt Ion: 96 Resp: 113280

Ion Ratio Lower Upper

96 100

61 138.5 0.0 308.4

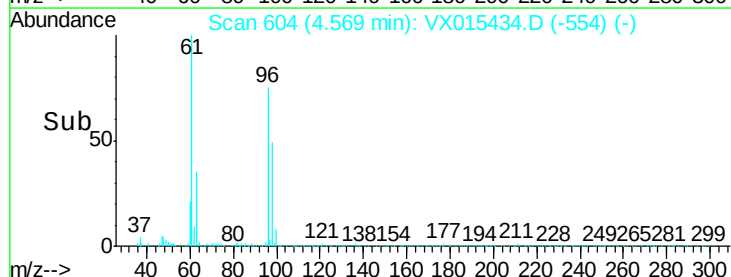
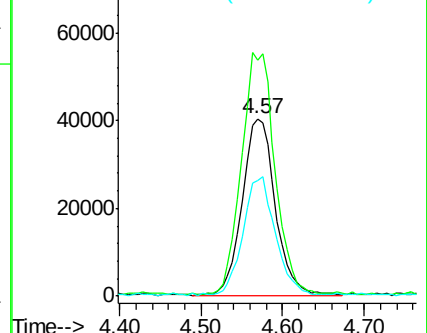
98 64.1 0.0 129.2

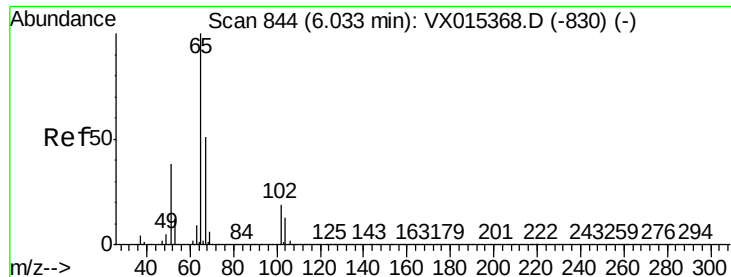


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.156 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015434.D

Acq: 30 Mar 2020 17:35

Instrument :

MSVOA_X

ClientSampleId :

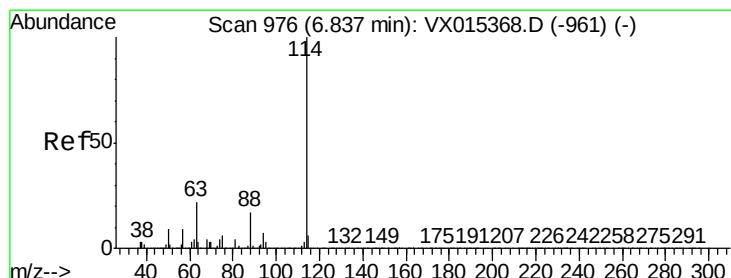
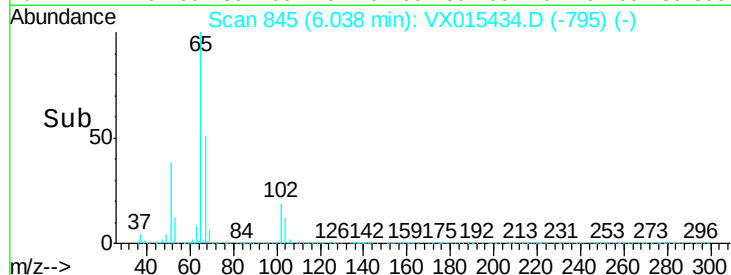
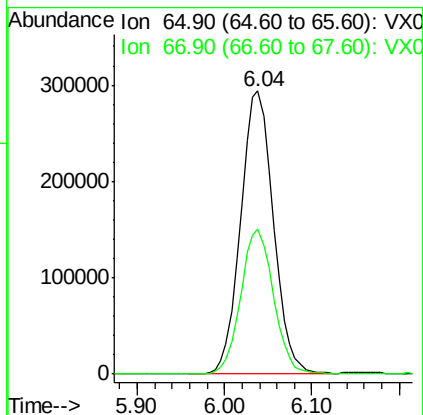
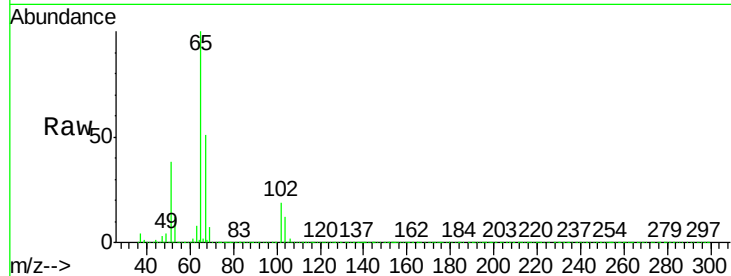
DUP-1

Tot Ion: 65 Resp: 765427

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015434.D

Acq: 30 Mar 2020 17:35

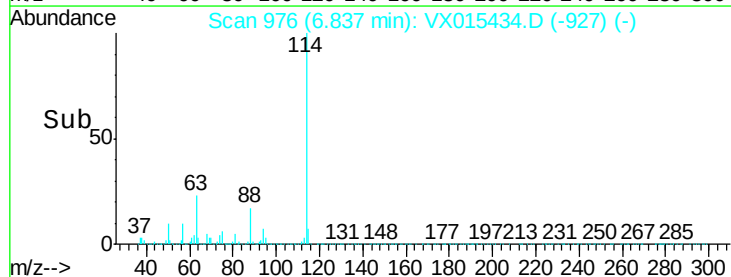
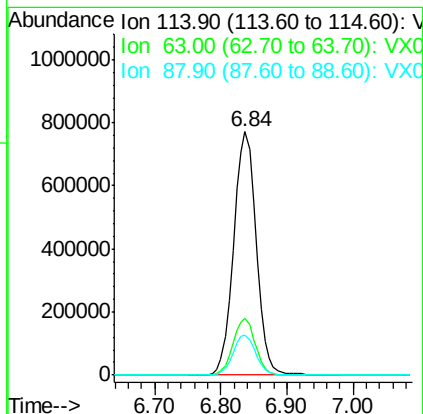
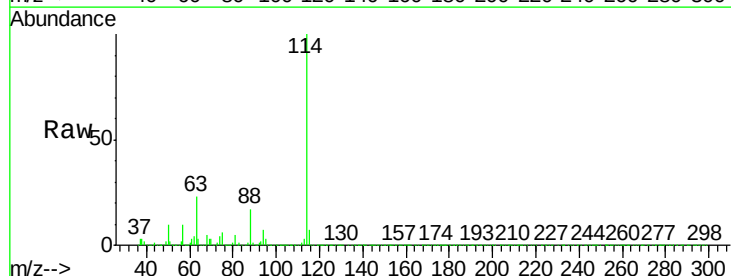
Tgt Ion: 114 Resp: 1822696

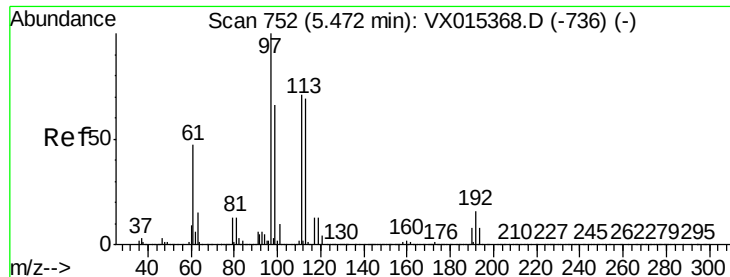
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.2

88 16.5 0.0 33.8

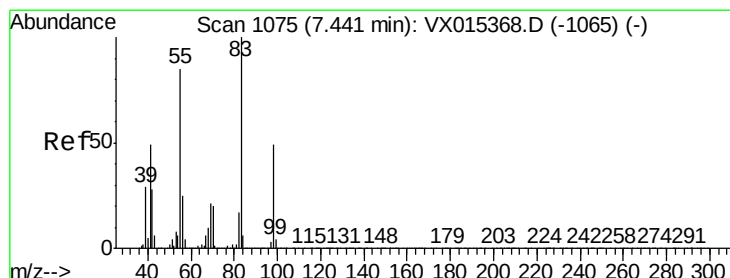
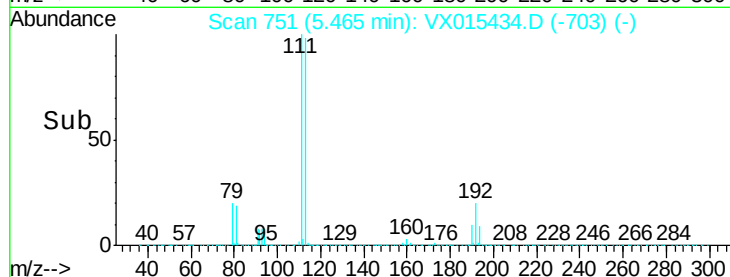
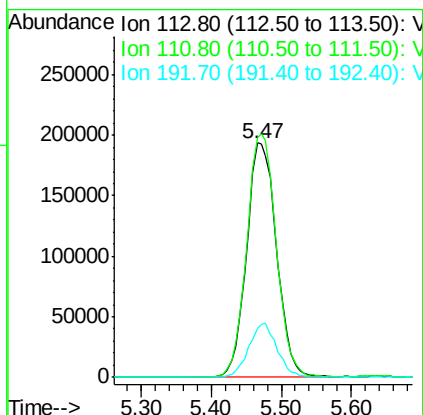
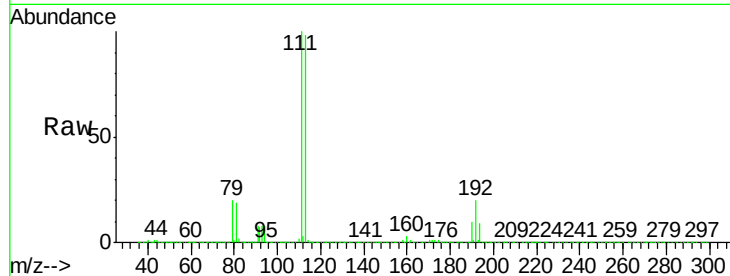




#35
Dibromofluoromethane
Concen: 49.409 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015434.D
Acq: 30 Mar 2020 17:35

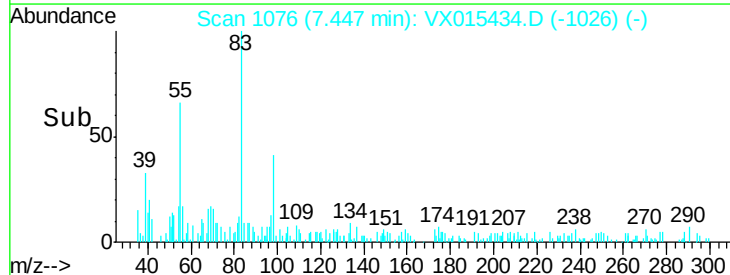
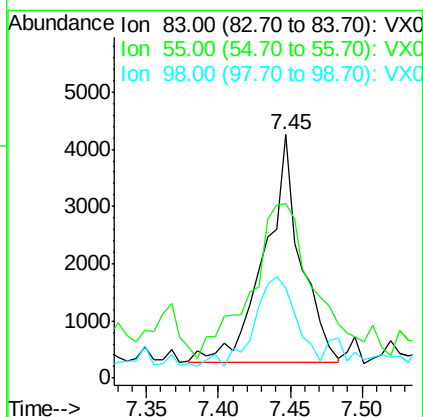
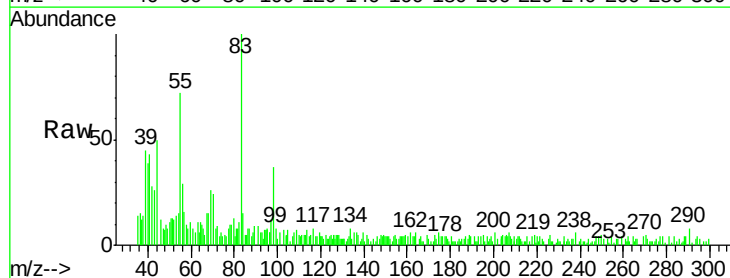
Instrument :
MSVOA_X
ClientSampled :
DUP-1

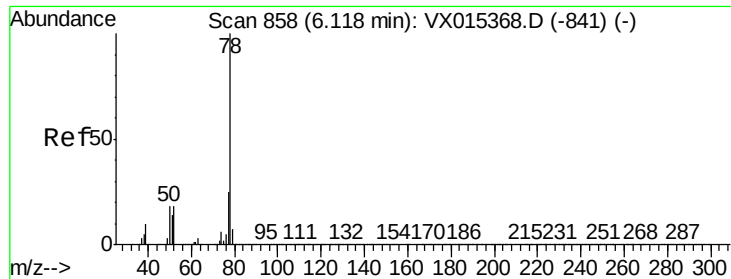
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	21.5	17.8	26.6



#39
Methylcyclohexane
Concen: 0.353 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015434.D
Acq: 30 Mar 2020 17:35

Tgt Ion	Ratio	Lower	Upper
83	100		
55	53.2	67.8	101.6#
98	33.7	39.3	58.9#





#40

Benzene

Concen: 0.559 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.00 min

Lab File: VX015434.D

Acq: 30 Mar 2020 17:35

Instrument :

MSVOA_X

ClientSampleId :

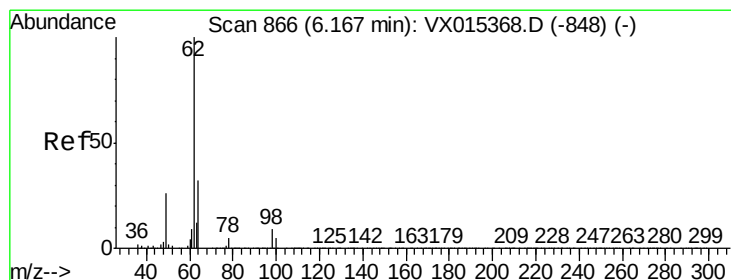
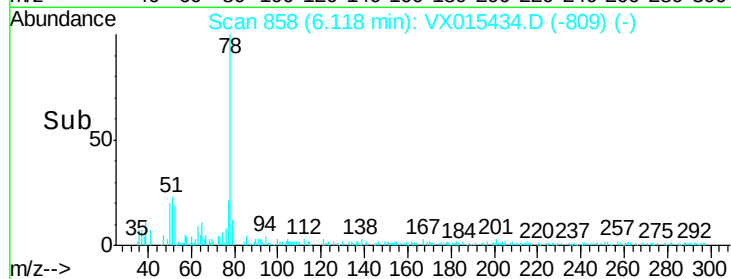
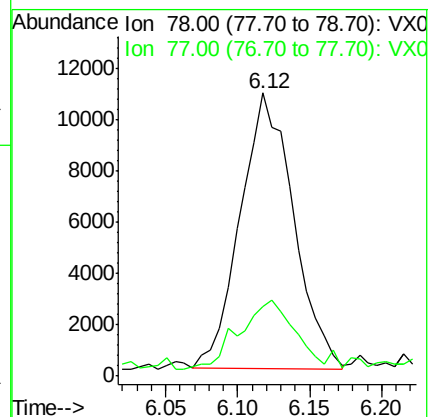
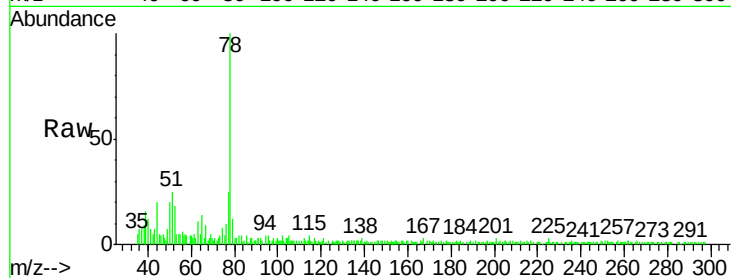
DUP-1

Tot Ion: 78 Resp: 27523

Ion Ratio Lower Upper

78 100

77 22.2 19.8 29.8



#42

1,2-Dichloroethane

Concen: 2.940 ug/l

RT: 6.17 min Scan# 867

Delta R.T. 0.01 min

Lab File: VX015434.D

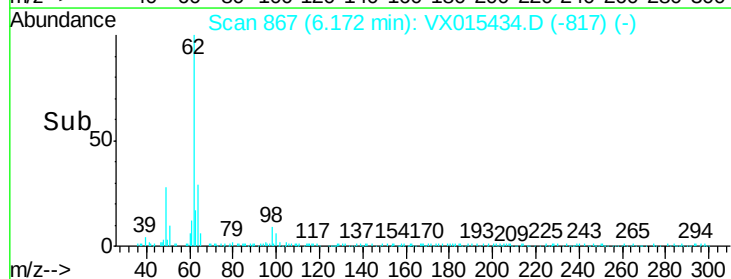
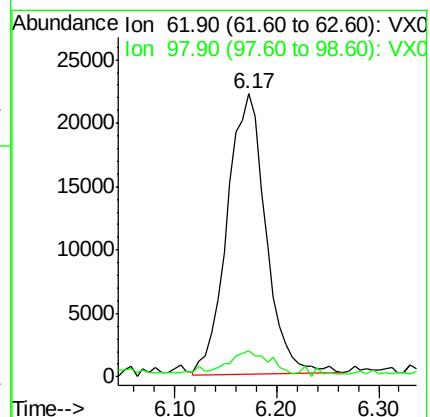
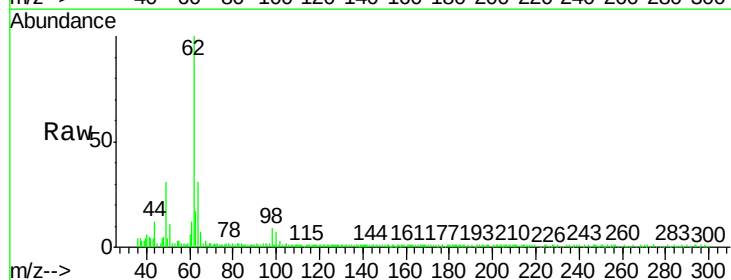
Acq: 30 Mar 2020 17:35

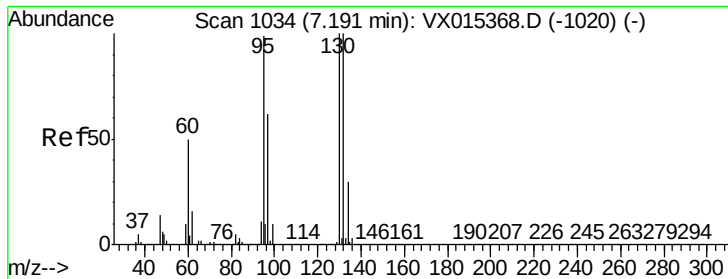
Tgt Ion: 62 Resp: 58105

Ion Ratio Lower Upper

62 100

98 8.1 0.0 17.6





#44

Trichloroethene

Concen: 0.815 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015434.D

Acq: 30 Mar 2020 17:35

Instrument :

MSVOA_X

ClientSampleId :

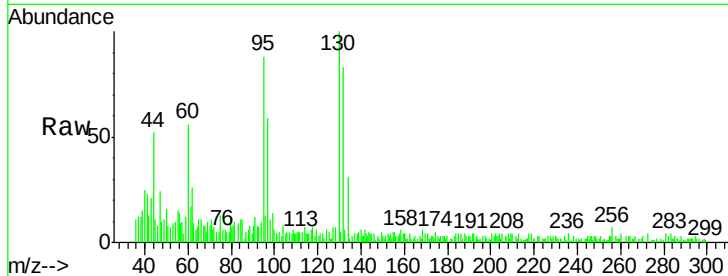
DUP-1

Tot Ion:130 Resp: 10940

Ion Ratio Lower Upper

130 100

95 88.0 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

6000

5000

4000

3000

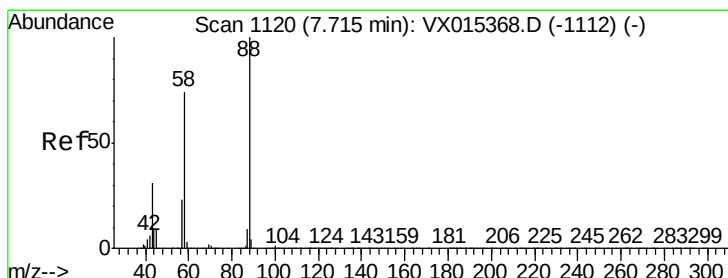
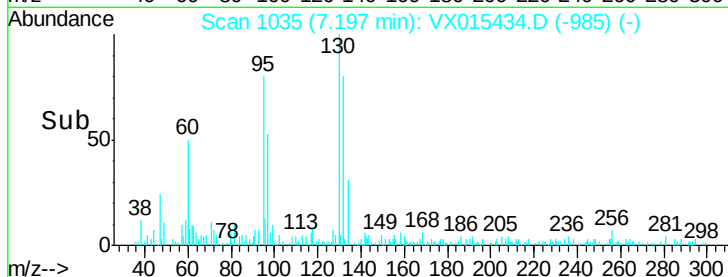
2000

1000

0

7.10 7.15 7.20 7.25

Time-->



#49

1,4-Dioxane

Concen: 721.459 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015434.D

Acq: 30 Mar 2020 17:35

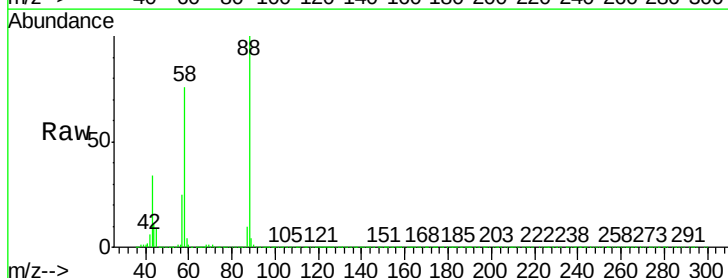
Tgt Ion: 88 Resp: 248155

Ion Ratio Lower Upper

88 100

43 33.3 30.1 45.1

58 75.6 60.6 90.8



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

7.71

150000

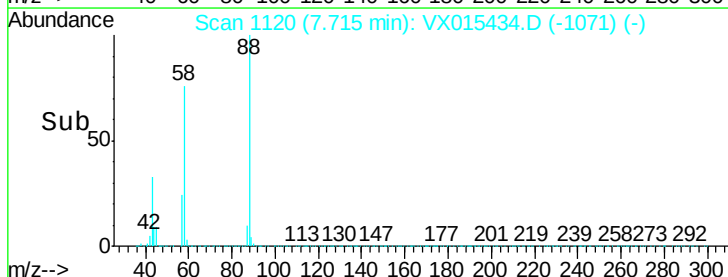
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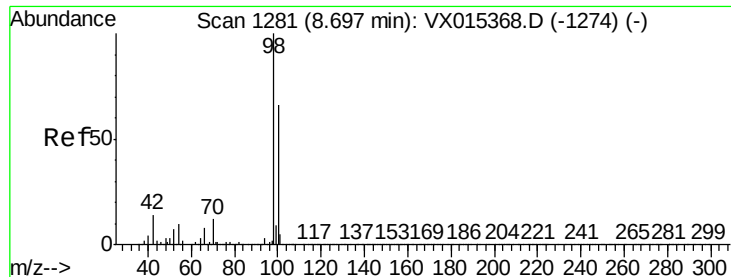
50000

0

7.60 7.70 7.80

Time-->

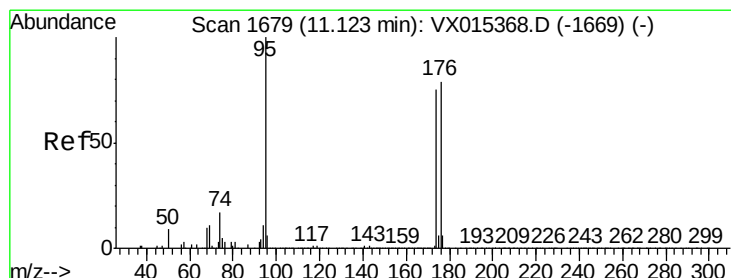
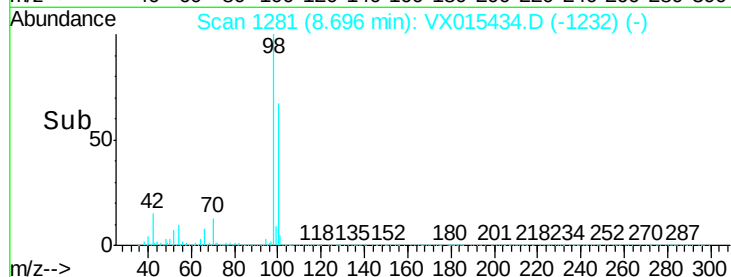
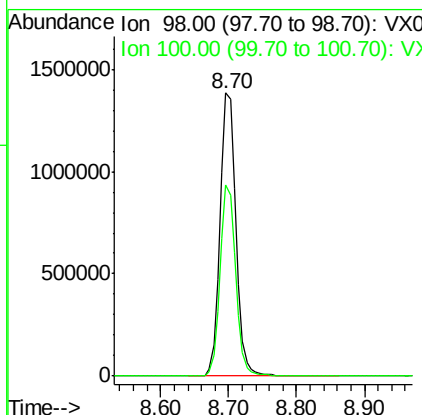
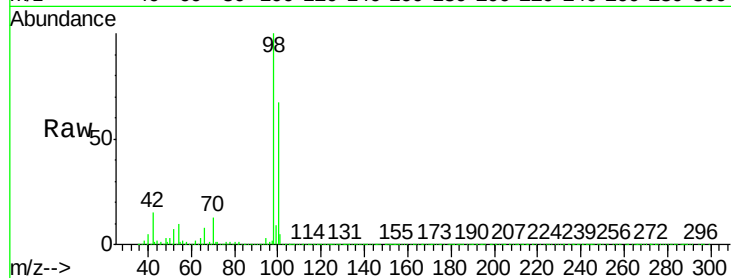




#50
Toluene-d8
Concen: 52.118 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015434.D
Acq: 30 Mar 2020 17:35

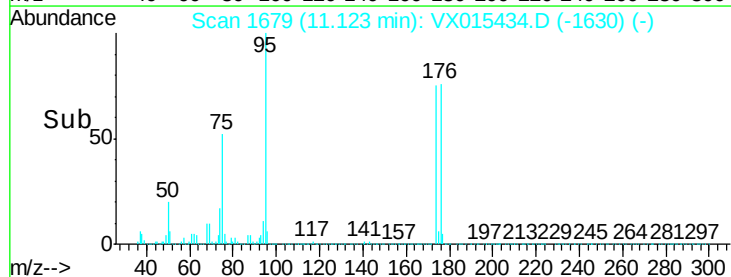
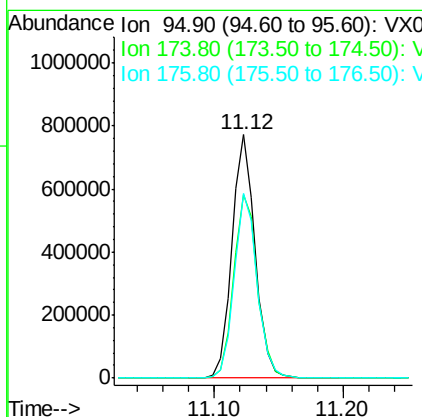
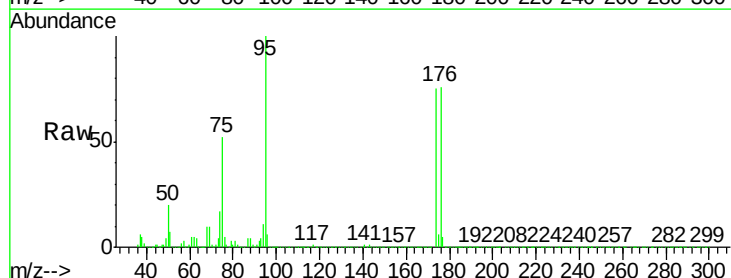
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

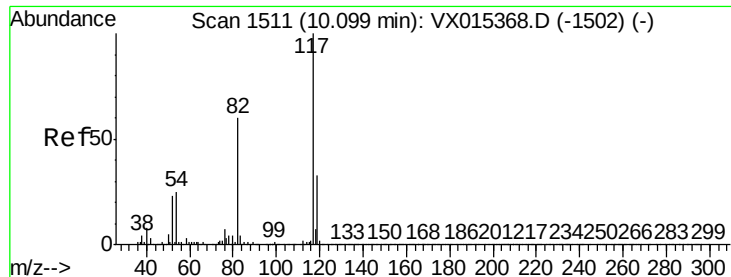
Tot Ion: 98 Resp: 2235693
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.579 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015434.D
Acq: 30 Mar 2020 17:35

Tgt Ion: 95 Resp: 968921
Ion Ratio Lower Upper
95 100
174 76.8 0.0 158.6
176 75.2 0.0 159.0

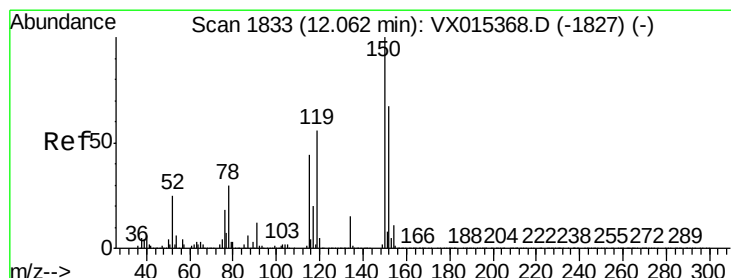
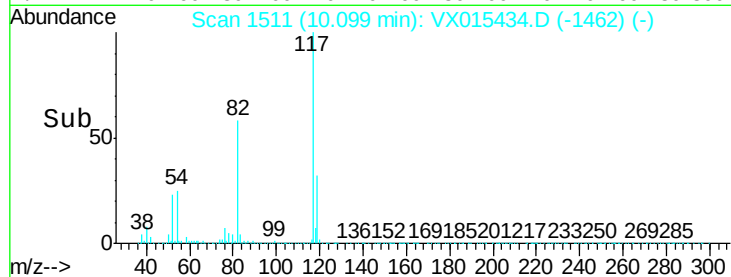
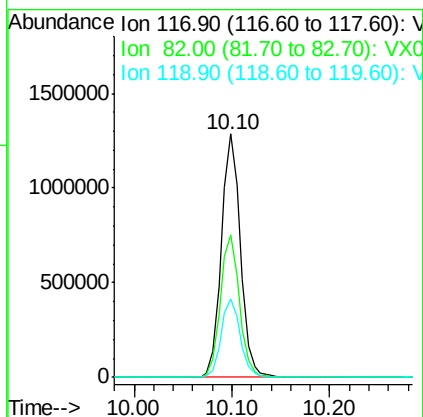
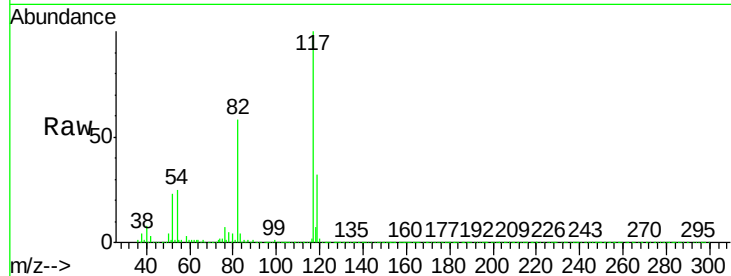




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015434.D
Acq: 30 Mar 2020 17:35

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tot Ion:117 Resp: 1737422
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.8
119 32.5 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: VX015434.D
Acq: 30 Mar 2020 17:35

Tgt Ion:152 Resp: 938137
Ion Ratio Lower Upper
152 100
115 59.9 39.0 116.9
150 156.7 0.0 340.8

