

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009643.D
 Acq On : 17 May 2019 06:00
 Operator : JC/SP
 Sample : K2887-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0524-190515

Quant Time: May 17 06:46:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

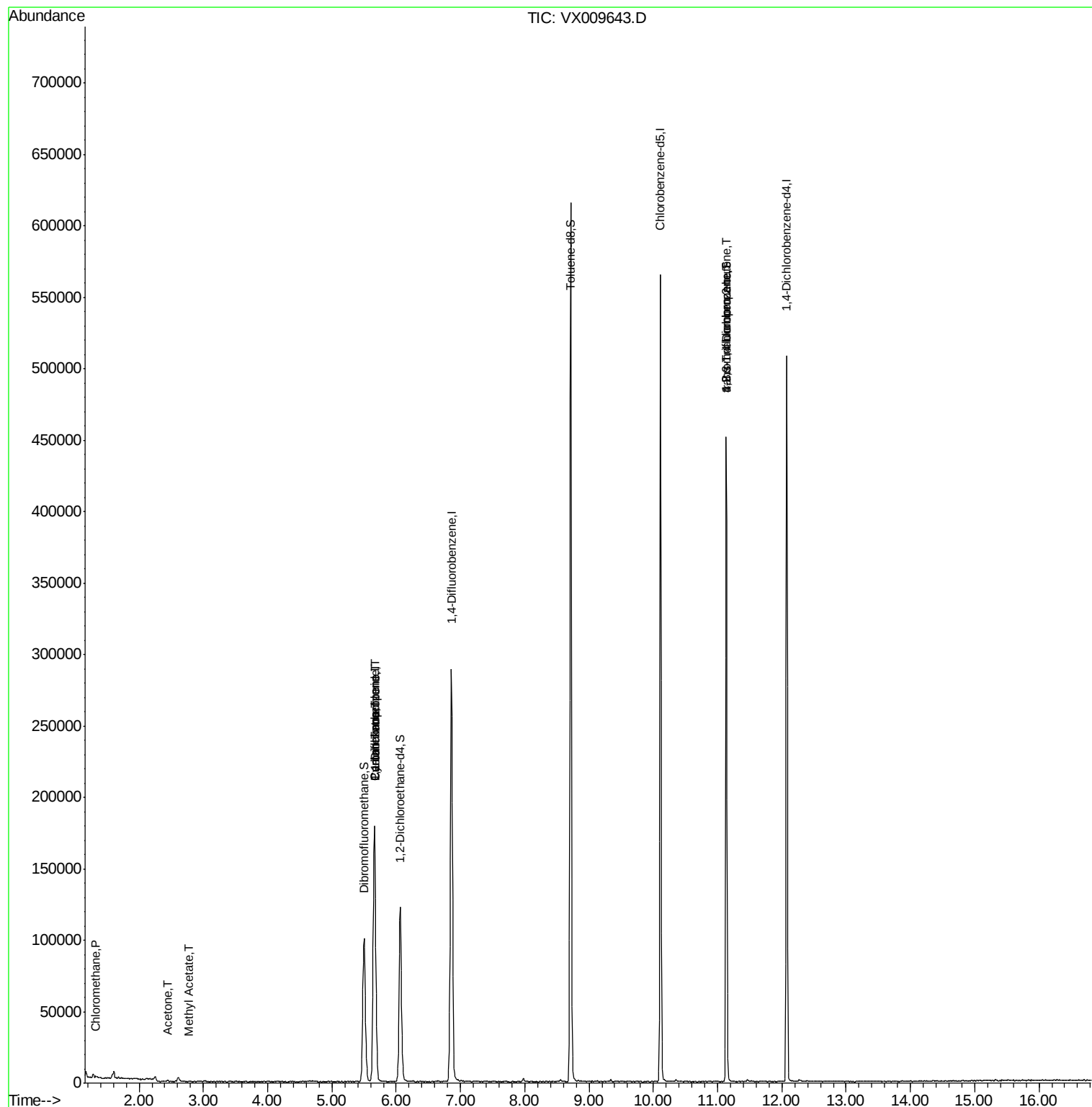
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116288	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	5.50	113	85941	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.71	98	346326	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	115693	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	617	0.283	ug/l	92
16) Acetone	2.44	43	1221	0.962	ug/l #	83
18) Methyl Acetate	2.78	43	680	0.225	ug/l #	62
28) Bromochloromethane	5.01	49	41	Below Cal	#	20
31) Cyclohexane	5.67	56	3936	1.127	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13756	5.304	ug/l #	51
38) Carbon Tetrachloride	5.66	117	16151	6.854	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	59712	24.621	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	59712	62.996	ug/l #	10

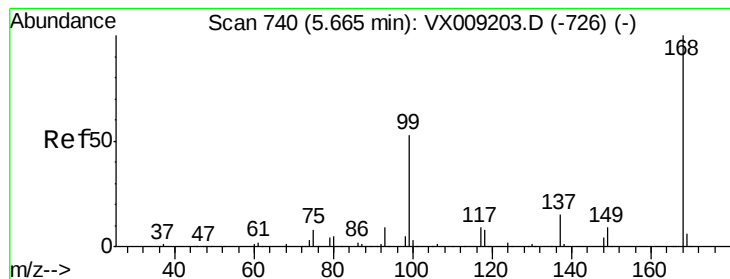
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009643.D

Acq: 17 May 2019 06:00

Instrument :

MSVOA_X

ClientSampleId :

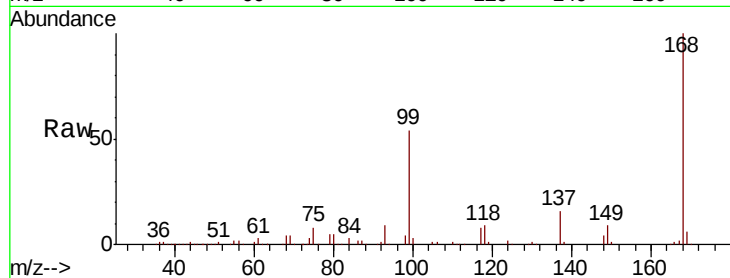
DUP-0524-190515

Tot Ion:168 Resp: 173072

Ion Ratio Lower Upper

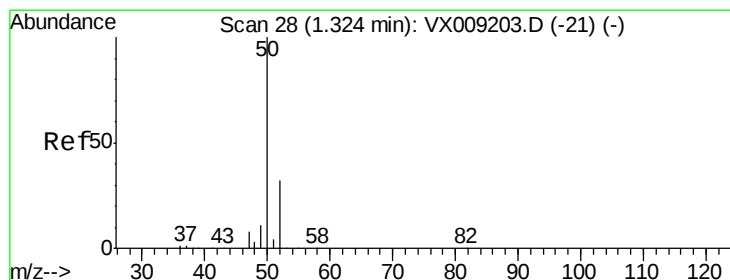
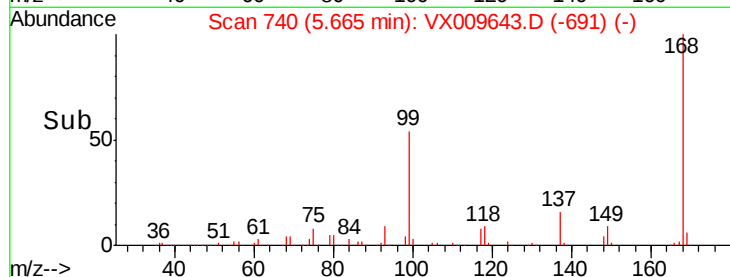
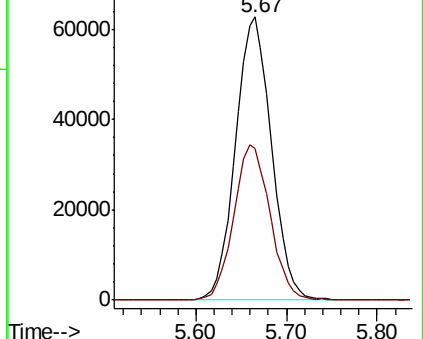
168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.283 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009643.D

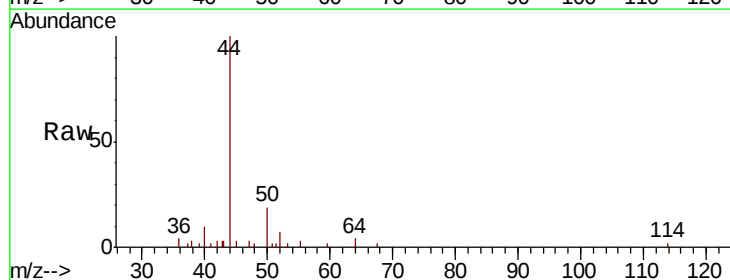
Acq: 17 May 2019 06:00

Tgt Ion: 50 Resp: 617

Ion Ratio Lower Upper

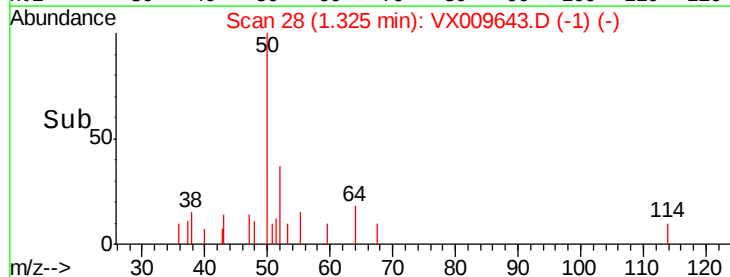
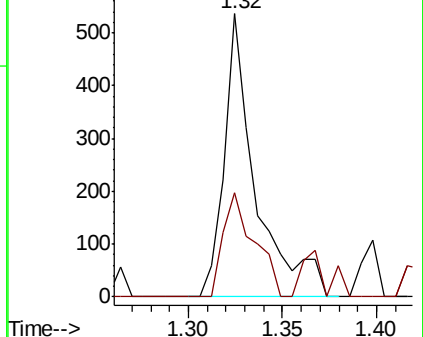
50 100

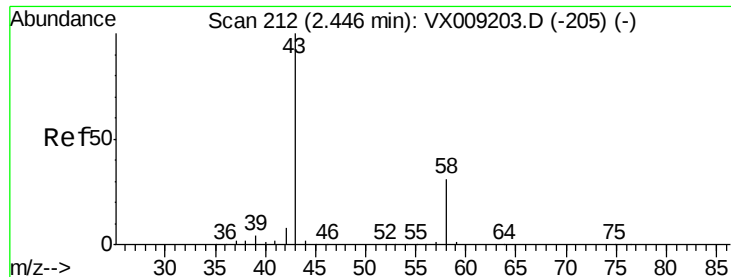
52 36.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 0.962 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009643.D

Acq: 17 May 2019 06:00

Instrument :

MSVOA_X

ClientSampleId :

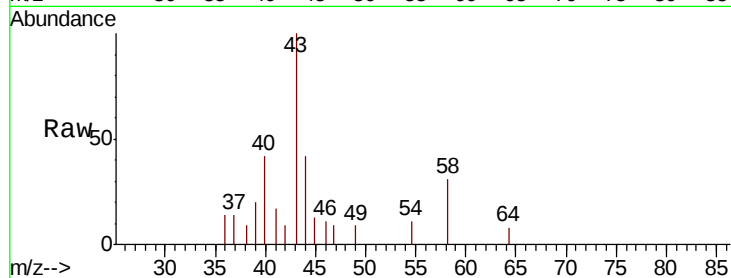
DUP-0524-190515

Tot Ion: 43 Resp: 1221

Ion Ratio Lower Upper

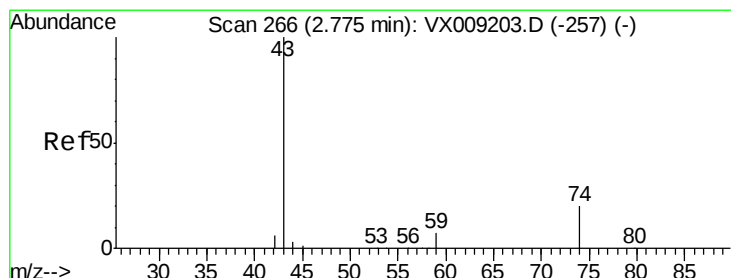
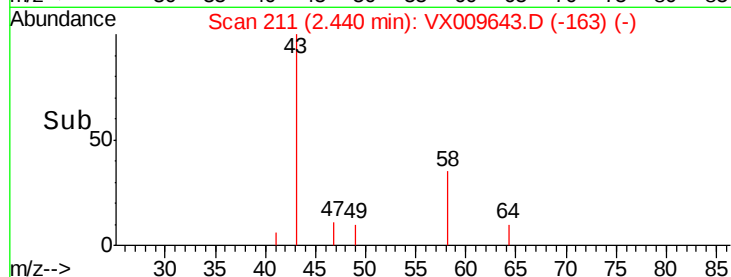
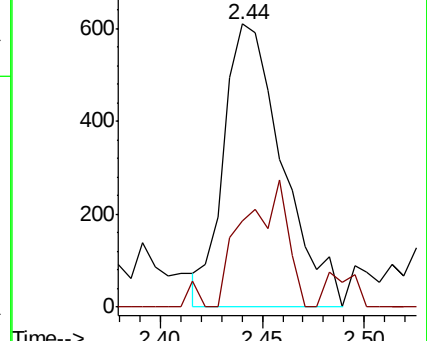
43 100

58 21.7 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.225 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009643.D

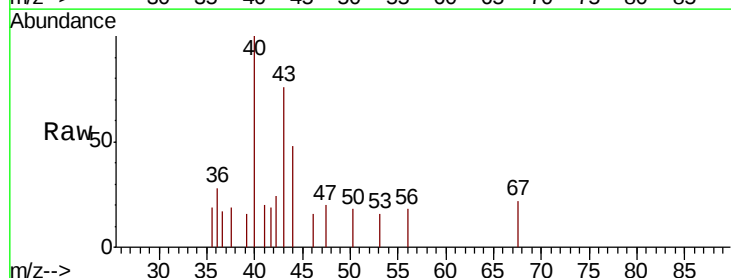
Acq: 17 May 2019 06:00

Tgt Ion: 43 Resp: 680

Ion Ratio Lower Upper

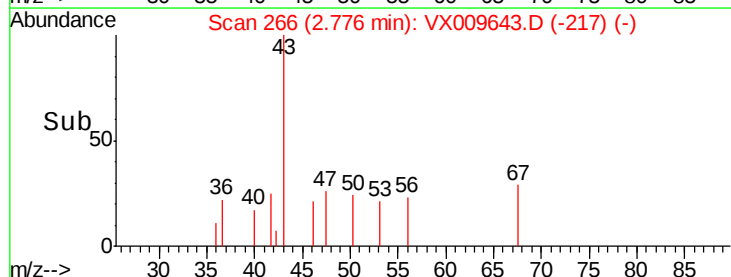
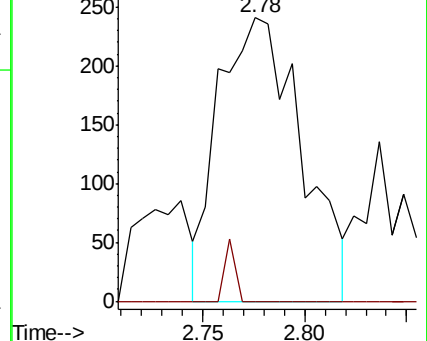
43 100

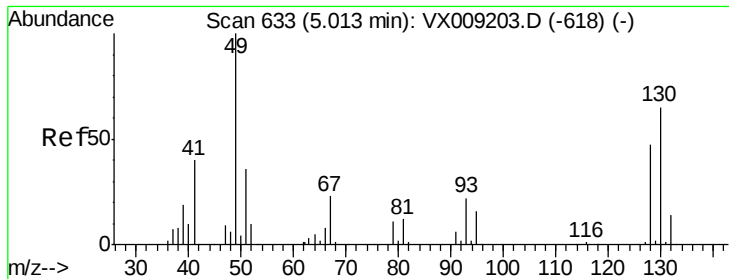
74 2.8 16.2 24.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009643.D

Acq: 17 May 2019 06:00

Instrument :

MSVOA_X

ClientSampleId :

DUP-0524-190515

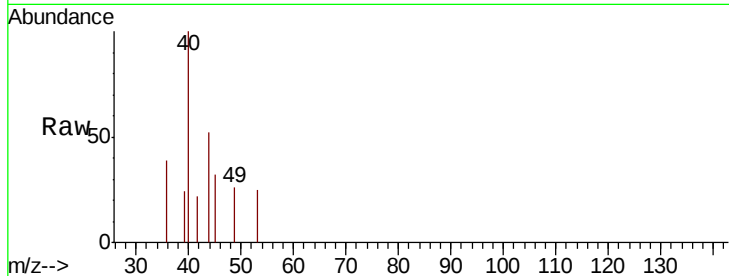
Tot Ion: 49 Resp: 41

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

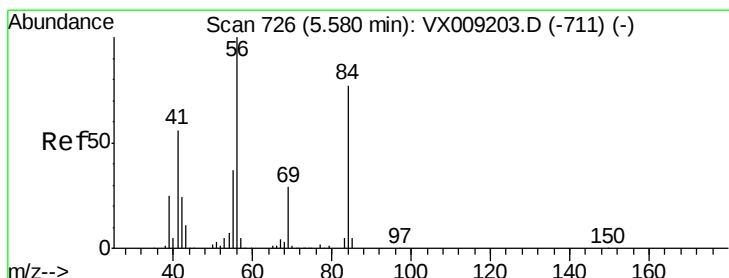
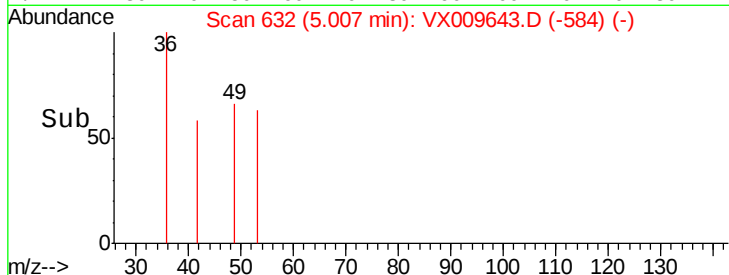
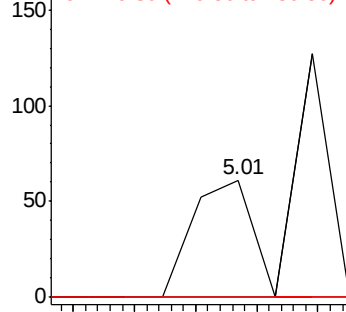
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 1.127 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX009643.D

Acq: 17 May 2019 06:00

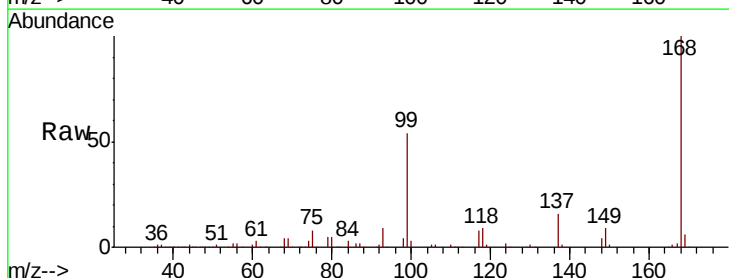
Tgt Ion: 56 Resp: 3936

Ion Ratio Lower Upper

56 100

69 173.4 23.4 35.0#

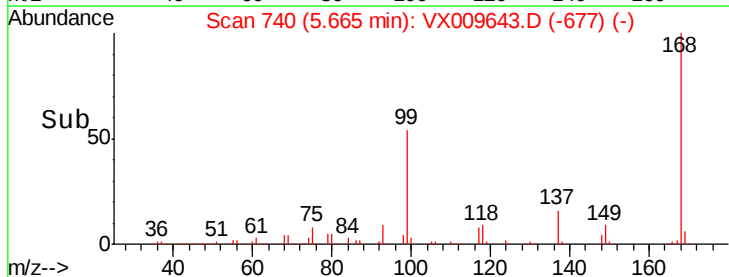
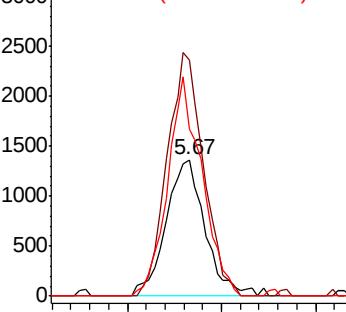
84 121.9 61.9 92.9#

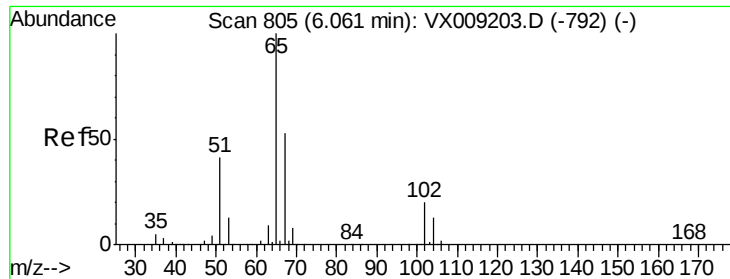


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.220 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009643.D

Acq: 17 May 2019 06:00

Instrument :

MSVOA_X

ClientSampleId :

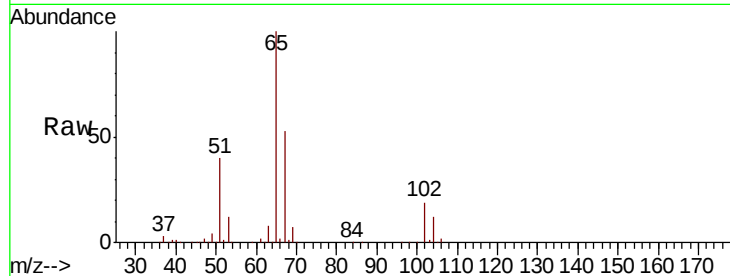
DUP-0524-190515

Tot Ion: 65 Resp: 116288

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

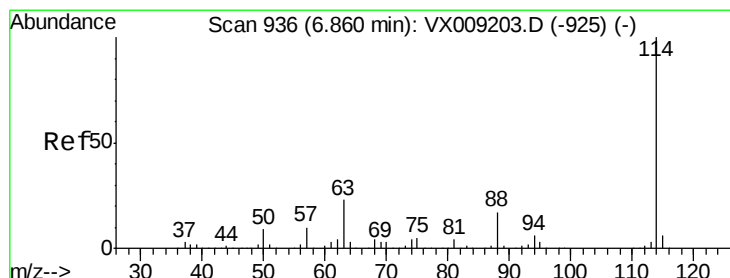
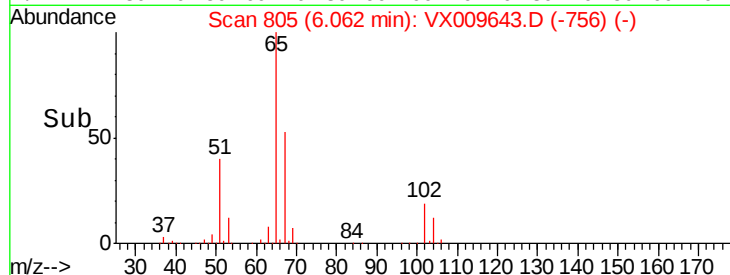
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009643.D

Acq: 17 May 2019 06:00

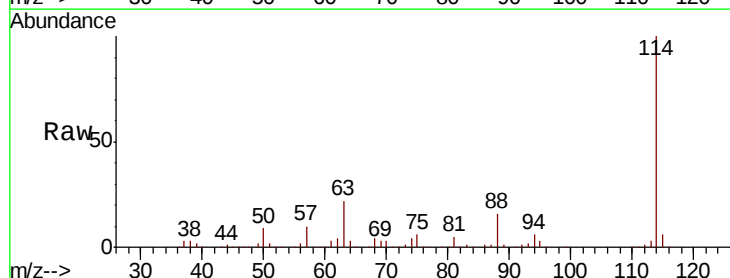
Tgt Ion: 114 Resp: 279082

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 16.5 0.0 33.2



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

150000

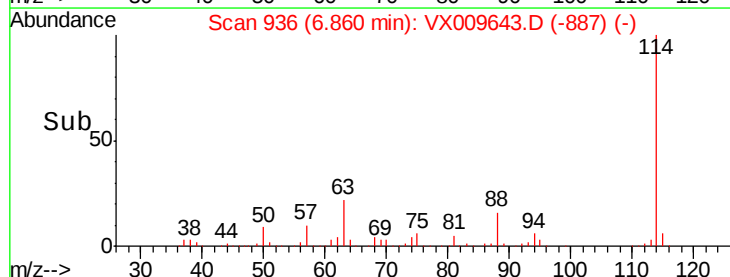
100000

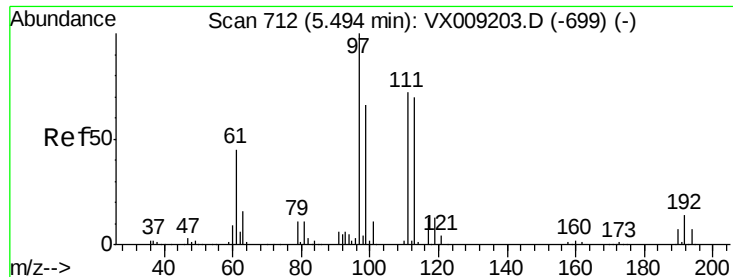
50000

0

Time-->

6.70 6.80 6.90 7.00

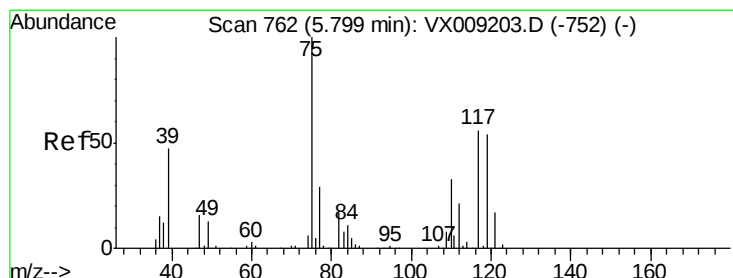
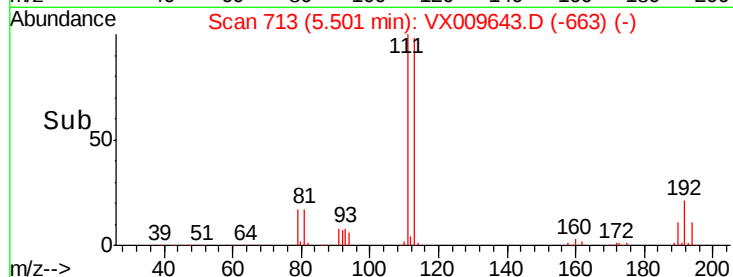
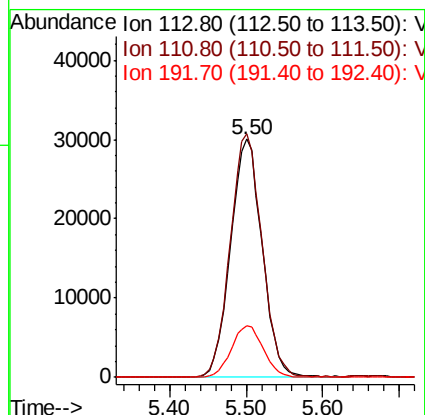
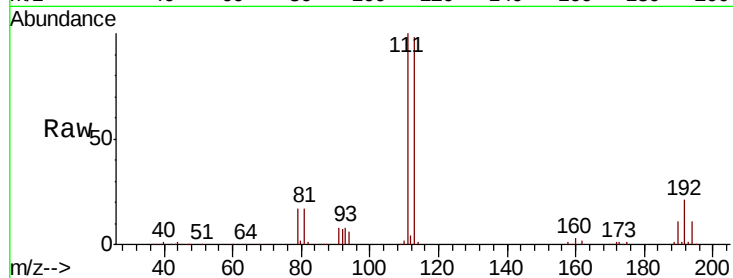




#35
 Dibromofluoromethane
 Concen: 48.985 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009643.D
 Acq: 17 May 2019 06:00

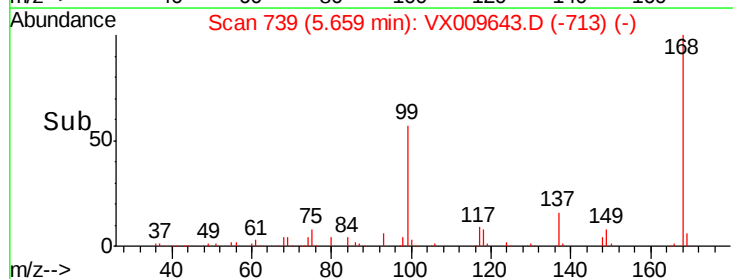
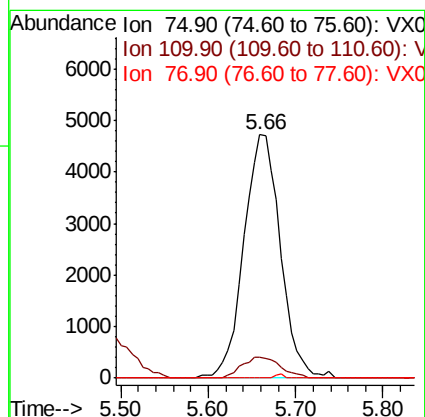
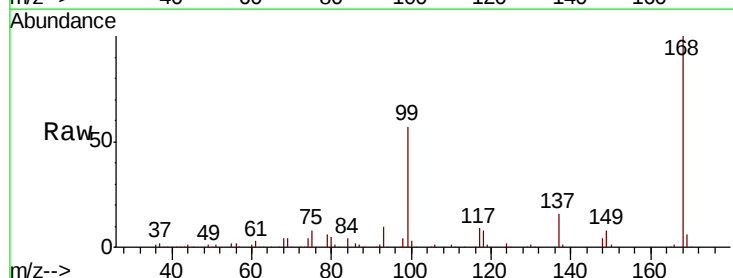
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0524-190515

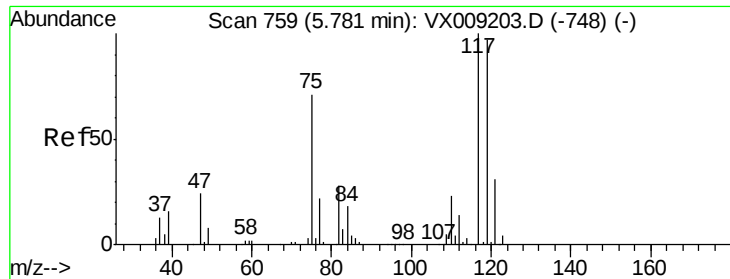
Tot Ion:113 Resp: 85941
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 22.0 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.304 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009643.D
 Acq: 17 May 2019 06:00

Tgt Ion: 75 Resp: 13756
 Ion Ratio Lower Upper
 75 100
 110 9.1 16.9 50.6#
 77 0.0 24.8 37.2#

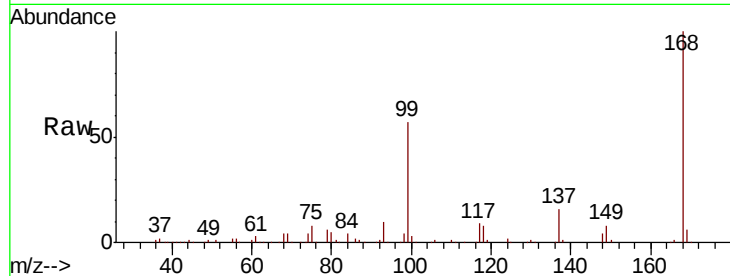




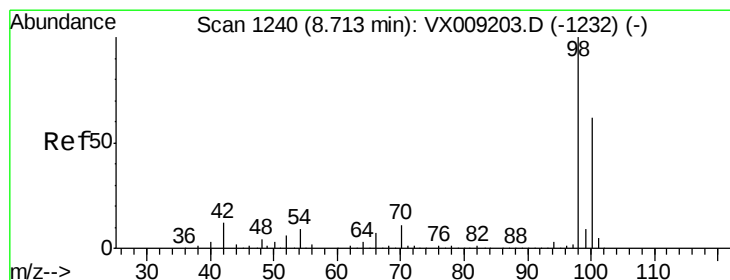
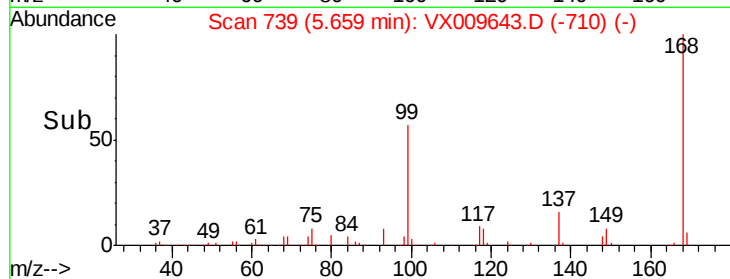
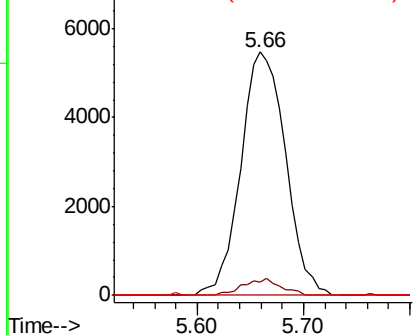
#38
Carbon Tetrachloride
Concen: 6.854 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009643.D
Acq: 17 May 2019 06:00

Instrument :
MSVOA_X
ClientSampleId :
DUP-0524-190515

Tot Ion:117 Resp: 16151
Ion Ratio Lower Upper
117 100
119 5.6 77.5 116.3#
121 0.0 24.7 37.1#

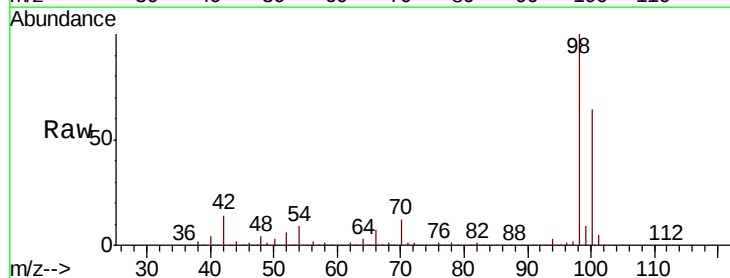


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

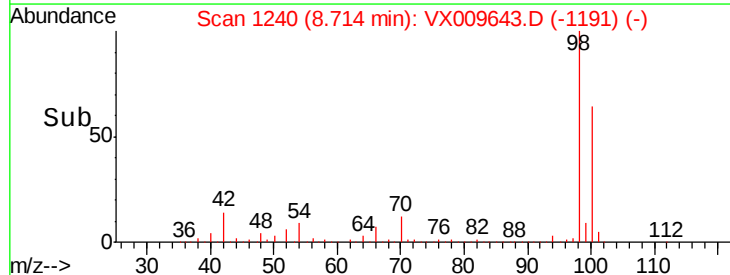
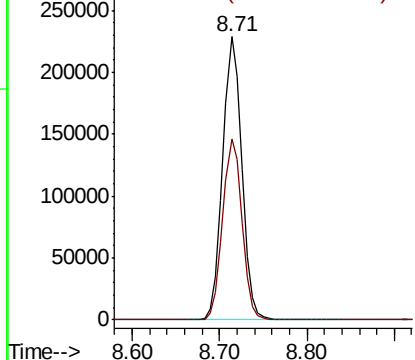


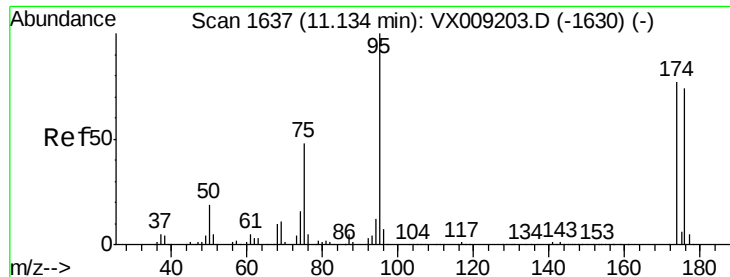
#50
Toluene-d8
Concen: 48.895 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009643.D
Acq: 17 May 2019 06:00

Tgt Ion: 98 Resp: 346326
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.952 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009643.D

Acq: 17 May 2019 06:00

Instrument :

MSVOA_X

ClientSampleId :

DUP-0524-190515

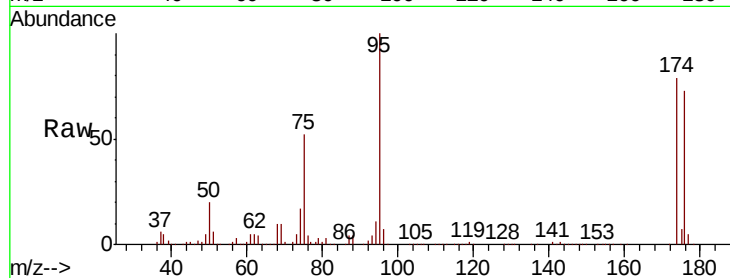
Tot Ion: 95 Resp: 115693

Ion Ratio Lower Upper

95 100

174 83.2 0.0 161.6

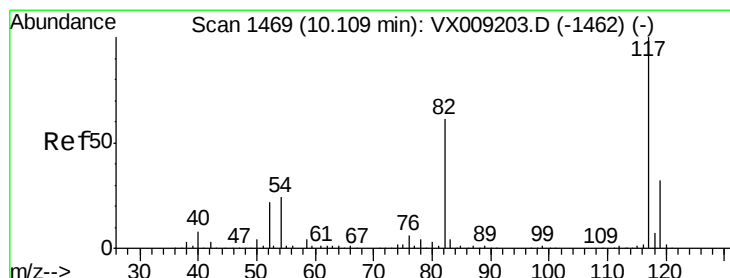
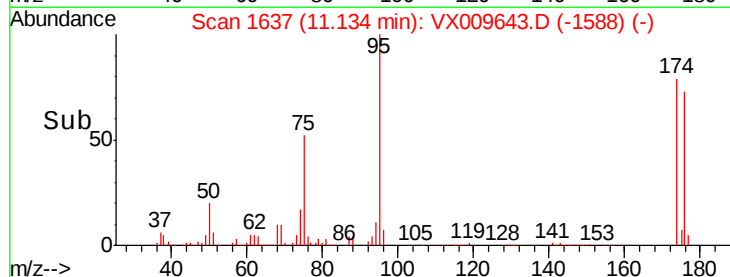
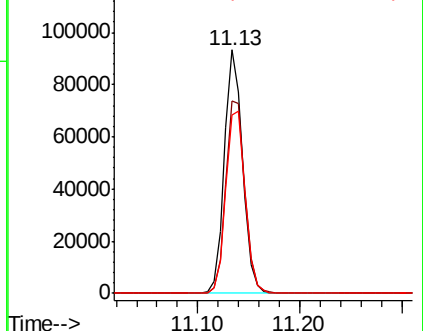
176 79.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009643.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009643.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009643.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009643.D

Acq: 17 May 2019 06:00

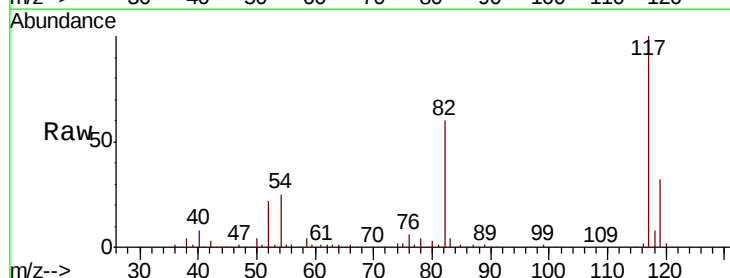
Tgt Ion: 117 Resp: 245781

Ion Ratio Lower Upper

117 100

82 60.4 48.8 73.2

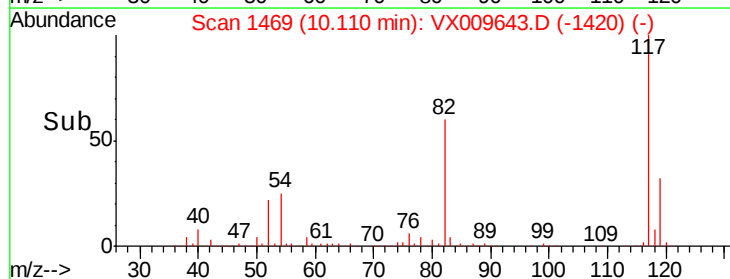
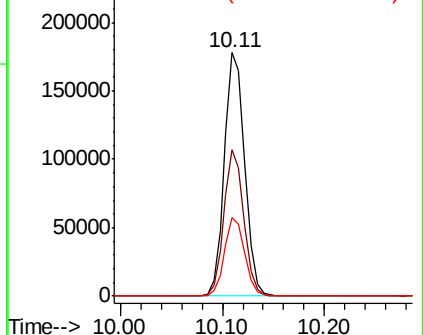
119 32.2 25.8 38.6

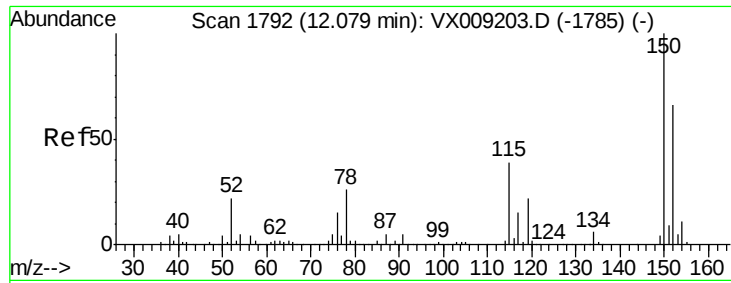


Abundance Ion 116.90 (116.60 to 117.60): VX009643.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009643.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009643.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009643.D

Acq: 17 May 2019 06:00

Instrument :

MSVOA_X

ClientSampleId :

DUP-0524-190515

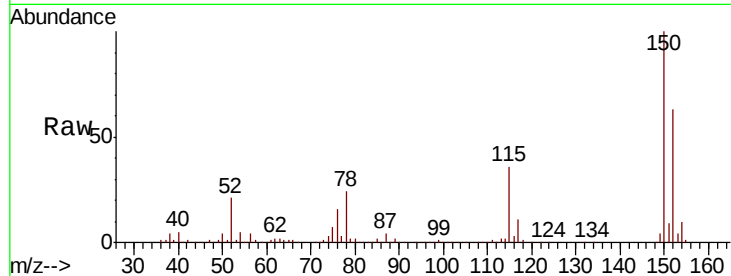
Tot Ion:152 Resp: 104554

Ion Ratio Lower Upper

152 100

115 57.9 41.2 123.6

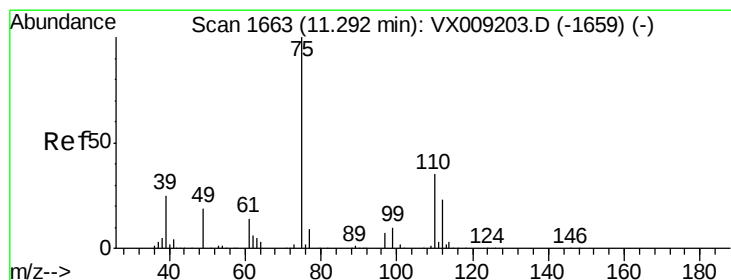
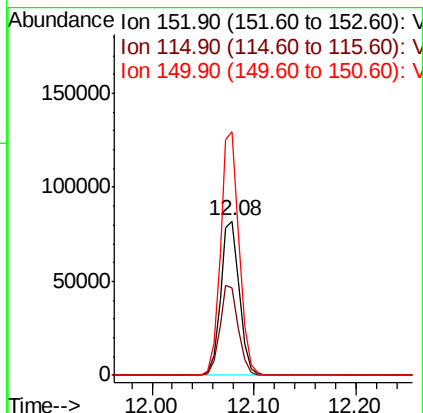
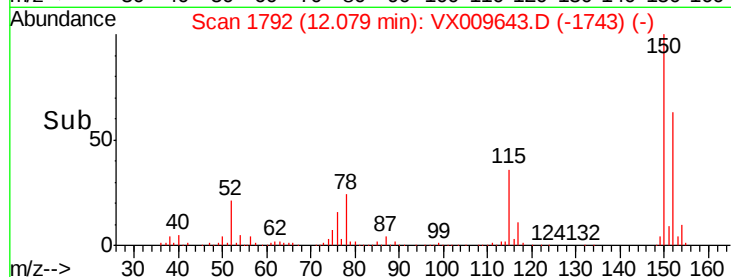
150 157.0 0.0 346.4



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



#76

1,2,3-Trichloropropane

Concen: 24.621 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009643.D

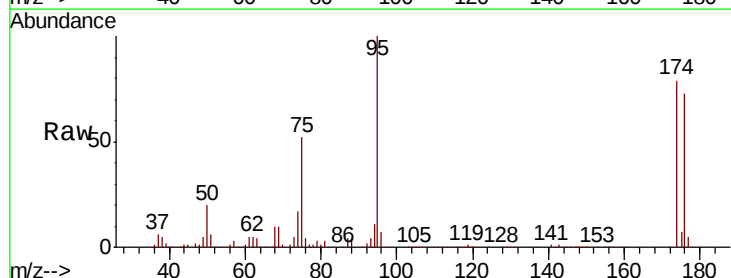
Acq: 17 May 2019 06:00

Tgt Ion: 75 Resp: 59712

Ion Ratio Lower Upper

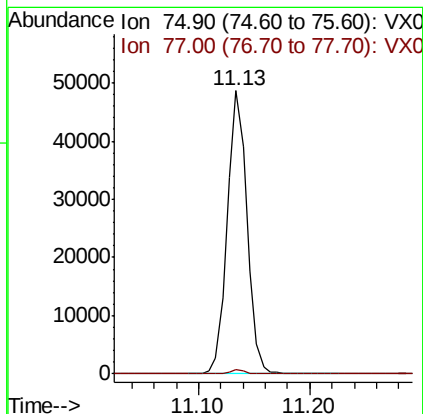
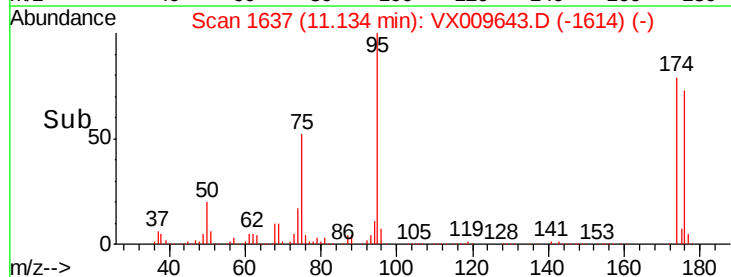
75 100

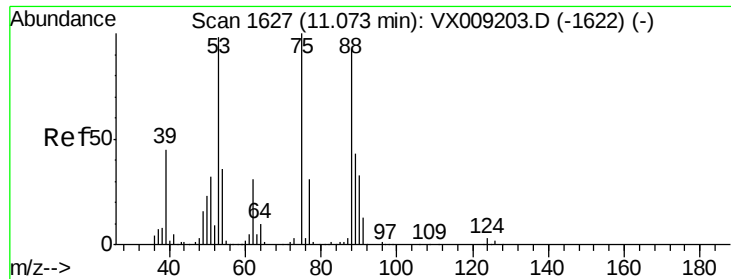
77 1.2 22.1 66.1#



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: 62.996 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009643.D

Acq: 17 May 2019 06:00

Instrument :

MSVOA_X

ClientSampleId :

DUP-0524-190515

Tot Ion: 75 Resp: 59712

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

