

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
 Data File : VX009241.D
 Acq On : 30 Apr 2019 13:20
 Operator : JC/SP
 Sample : K2618-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CARBON-DNM

Quant Time: May 01 02:08:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

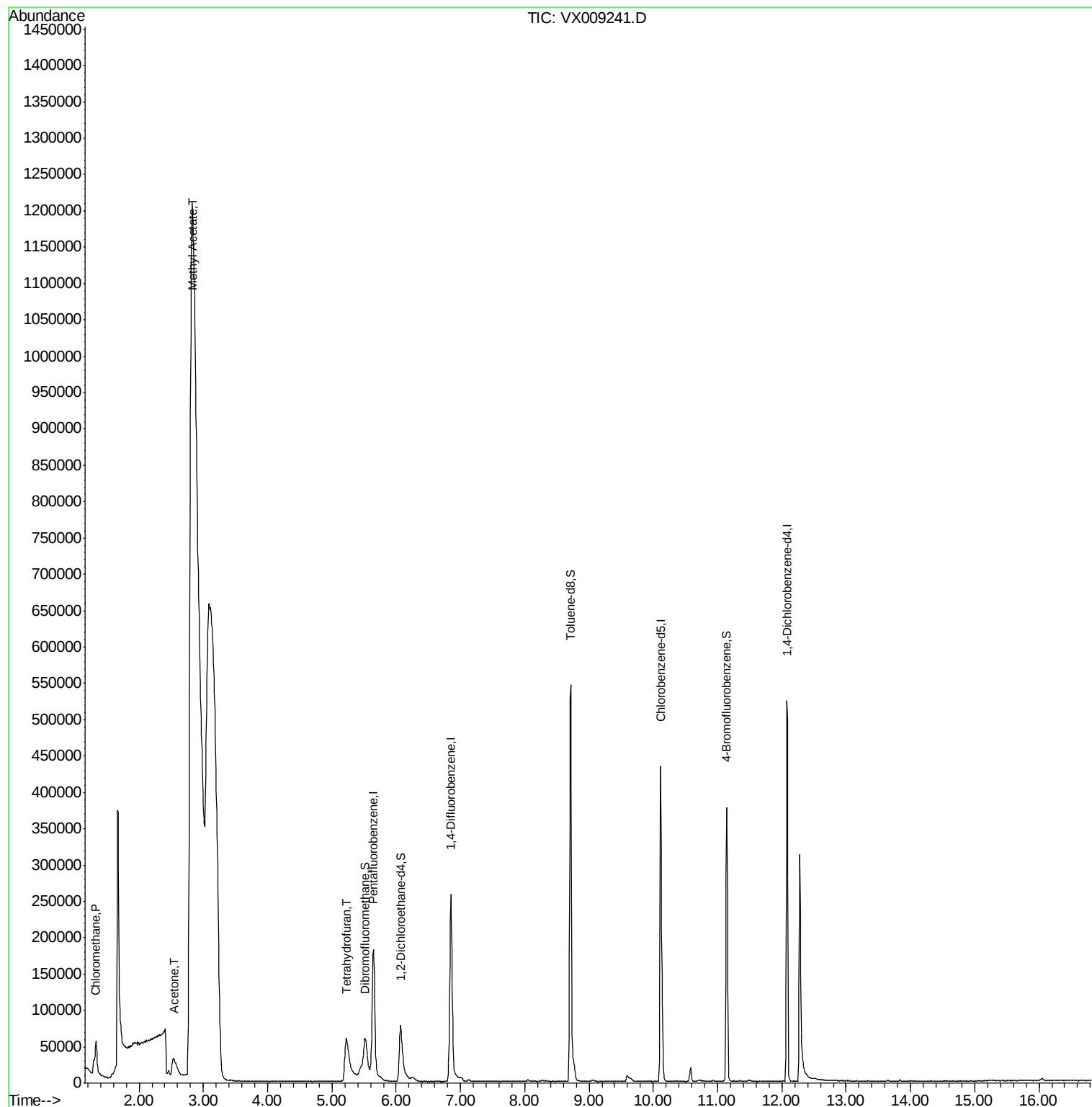
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182079	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.85	114	290424	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	258431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	110599	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
35) Dibromofluoromethane	5.52	113	68441	37.49	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.98%	
50) Toluene-d8	8.71	98	371156	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.14	95	124212	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						
3) Chloromethane	1.33	50	40479	17.671	ug/l	97
16) Acetone	2.53	43	99779	74.759	ug/l	98
18) Methyl Acetate	2.82	43	699692	220.437	ug/l	98
29) Tetrahydrofuran	5.22	42	108019	80.935	ug/l	94

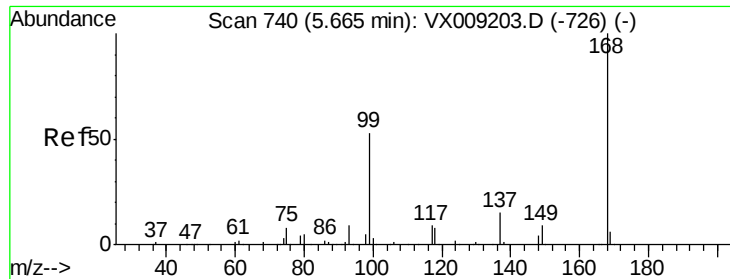
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 01 02:08:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.02 min

Lab File: VX009241.D

Acq: 30 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

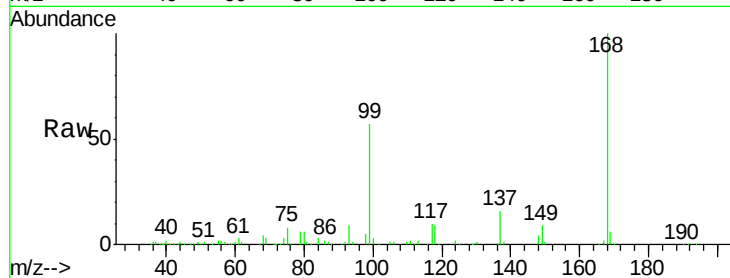
CARBON-DNM

Tot Ion:168 Resp: 182079

Ion Ratio Lower Upper

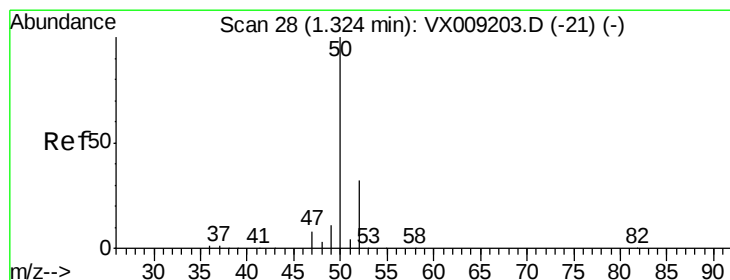
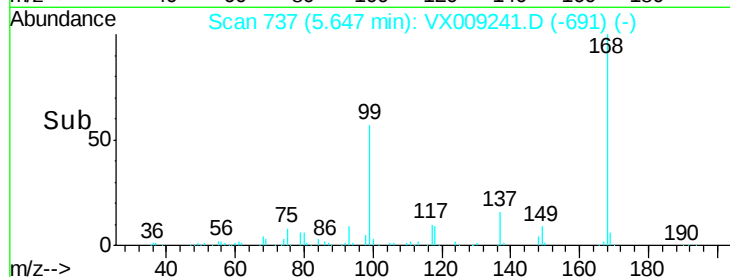
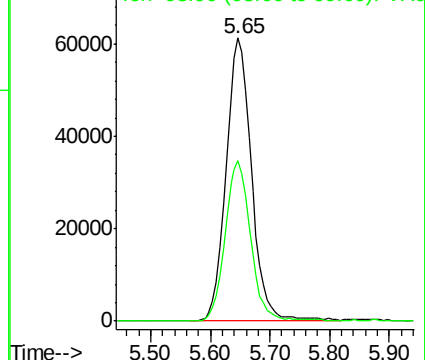
168 100

99 56.6 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: 17.671 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009241.D

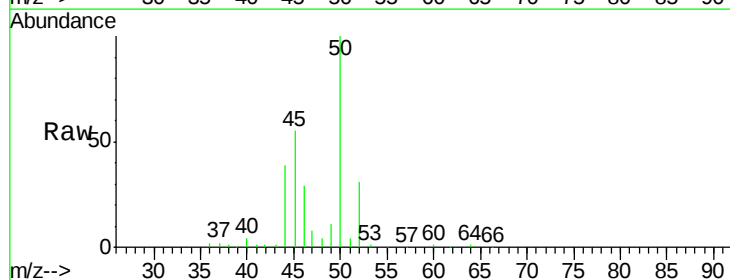
Acq: 30 Apr 2019 13:20

Tgt Ion: 50 Resp: 40479

Ion Ratio Lower Upper

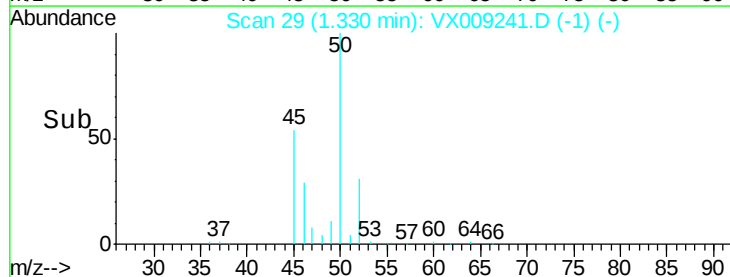
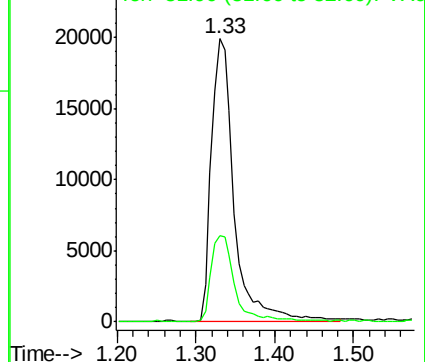
50 100

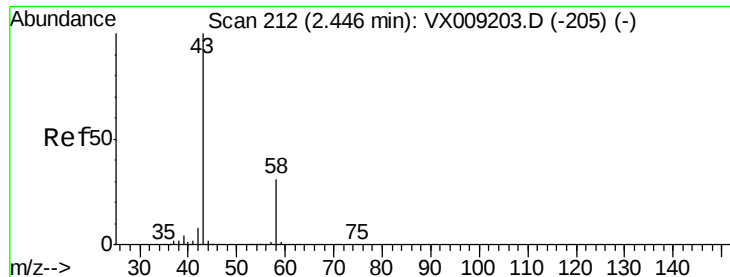
52 30.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 74.759 ug/l

RT: 2.53 min Scan# 226

Delta R.T. 0.08 min

Lab File: VX009241.D

Acq: 30 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

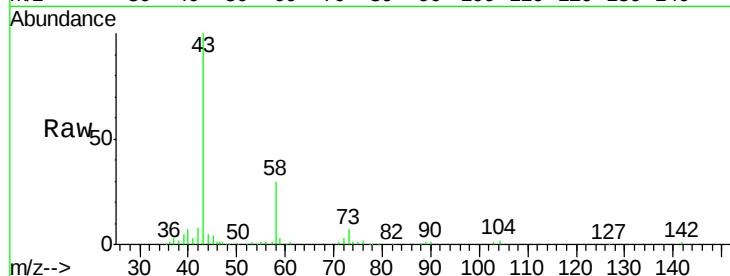
CARBON-DNM

Tot Ion: 43 Resp: 99779

Ion Ratio Lower Upper

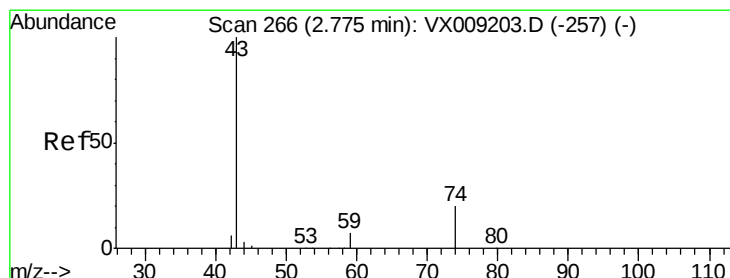
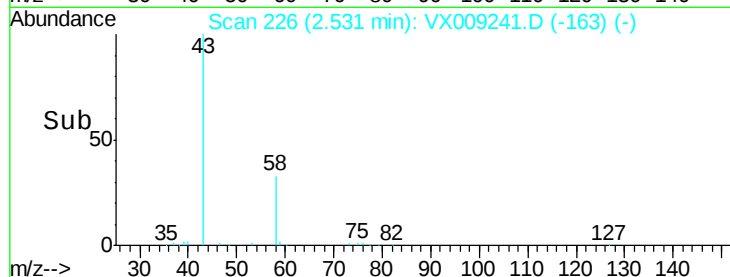
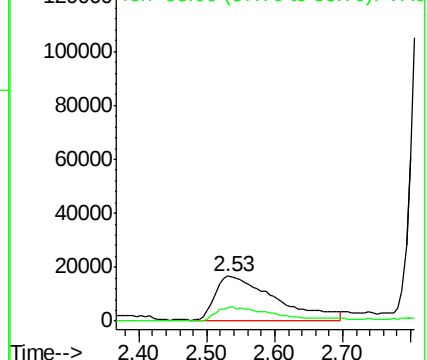
43 100

58 29.9 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: 220.437 ug/l

RT: 2.82 min Scan# 274

Delta R.T. 0.05 min

Lab File: VX009241.D

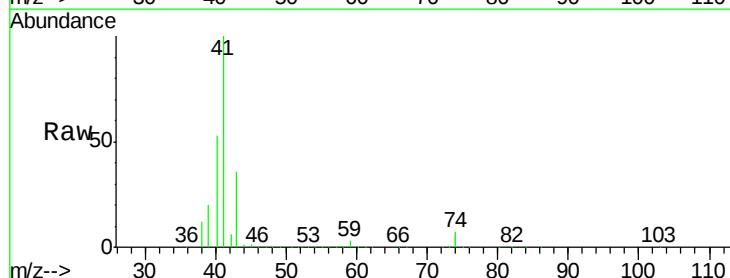
Acq: 30 Apr 2019 13:20

Tgt Ion: 43 Resp: 699692

Ion Ratio Lower Upper

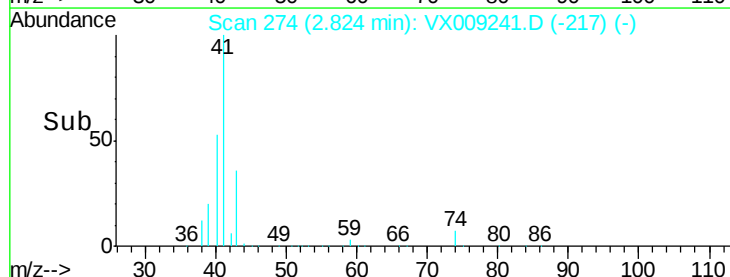
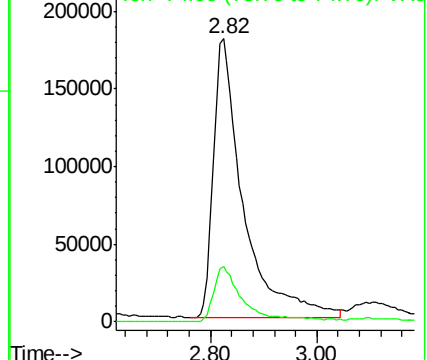
43 100

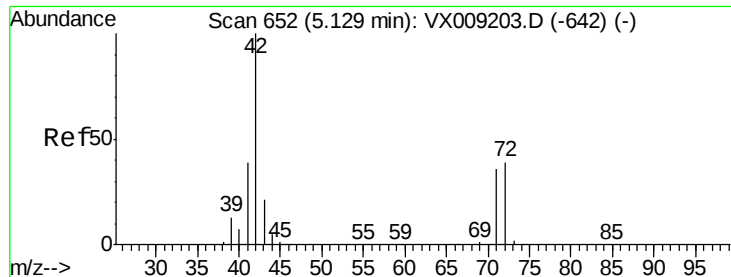
74 19.6 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#29

Tetrahydrofuran

Concen: 80.935 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.09 min

Lab File: VX009241.D

Acq: 30 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

CARBON-DNM

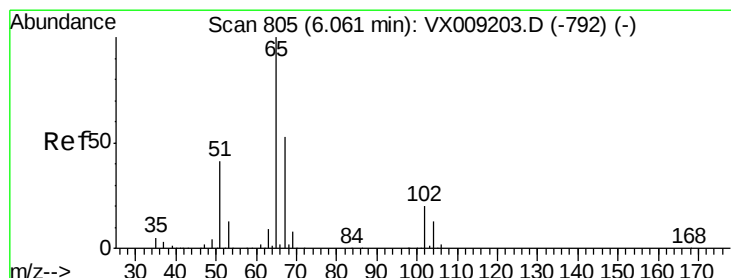
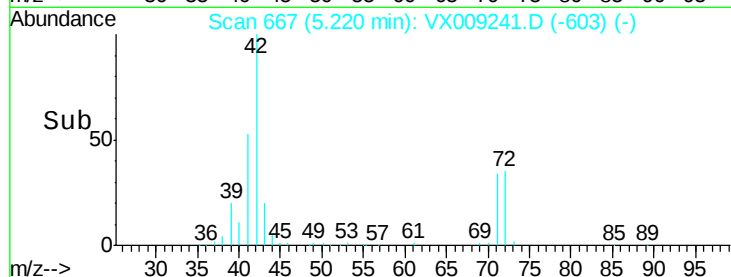
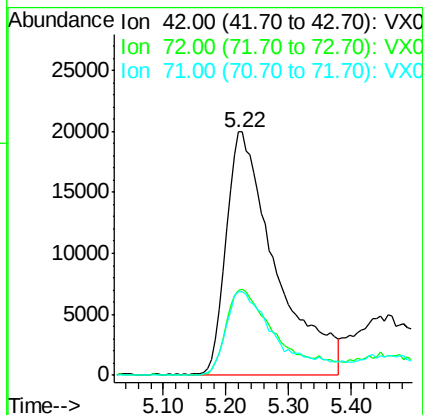
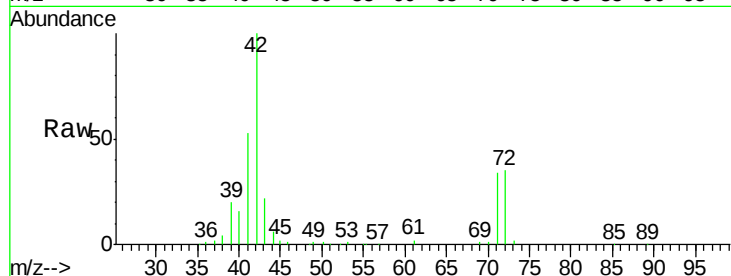
Tot Ion: 42 Resp: 108019

Ion Ratio Lower Upper

42 100

72 33.8 30.4 45.6

71 33.1 28.6 43.0



#33

1,2-Dichloroethane-d4

Concen: 44.496 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009241.D

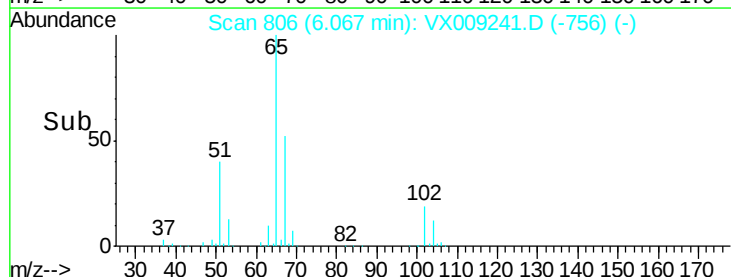
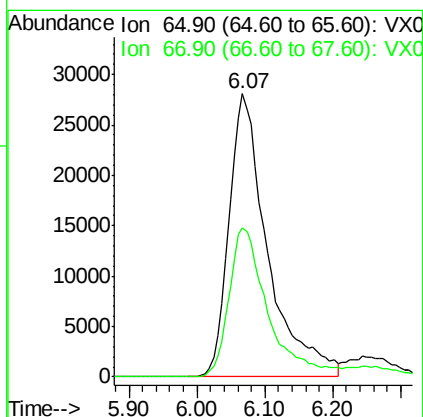
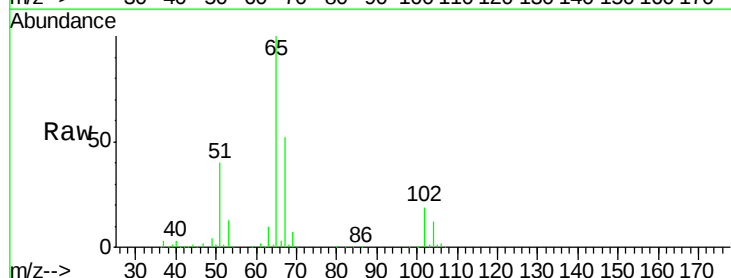
Acq: 30 Apr 2019 13:20

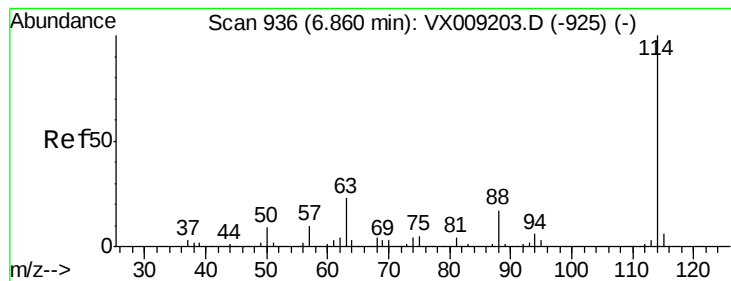
Tgt Ion: 65 Resp: 110599

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009241.D

Acq: 30 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

CARBON-DNM

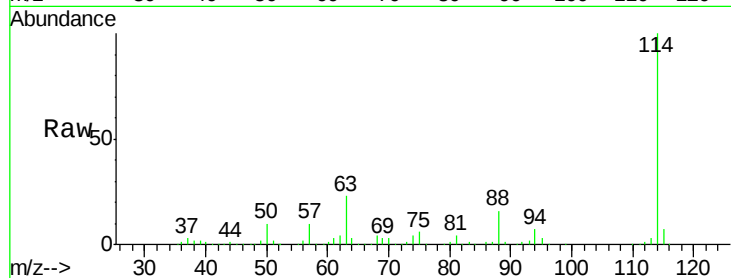
Tot Ion:114 Resp: 290424

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.6

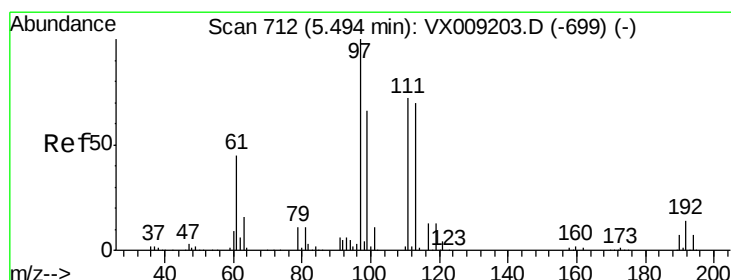
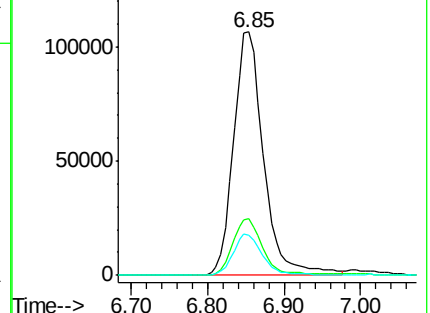
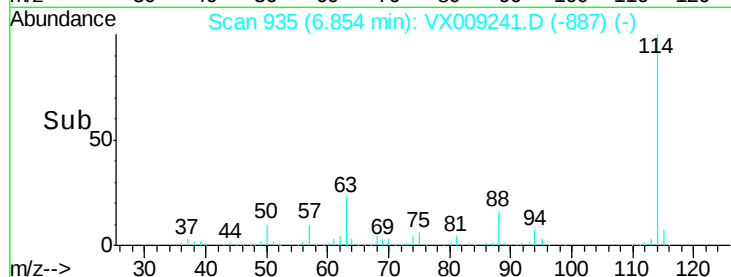
88 16.3 0.0 33.2



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



#35

Dibromofluoromethane

Concen: 37.487 ug/l

RT: 5.52 min Scan# 716

Delta R.T. 0.02 min

Lab File: VX009241.D

Acq: 30 Apr 2019 13:20

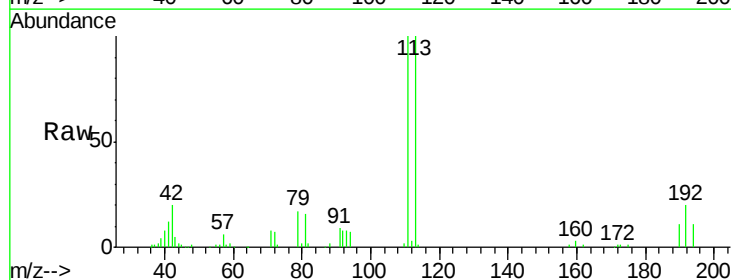
Tgt Ion:113 Resp: 68441

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

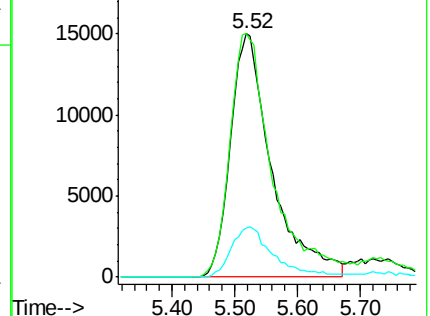
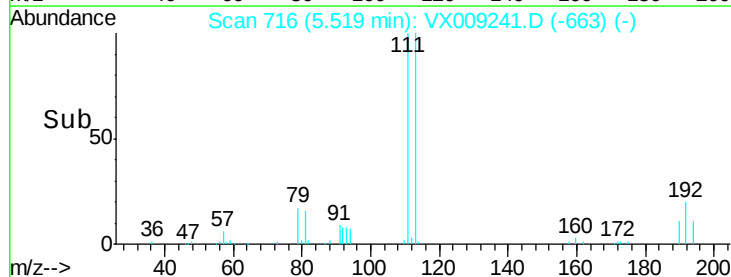
192 21.1 17.0 25.6

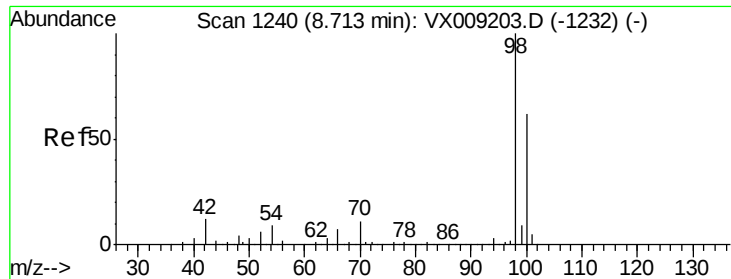


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

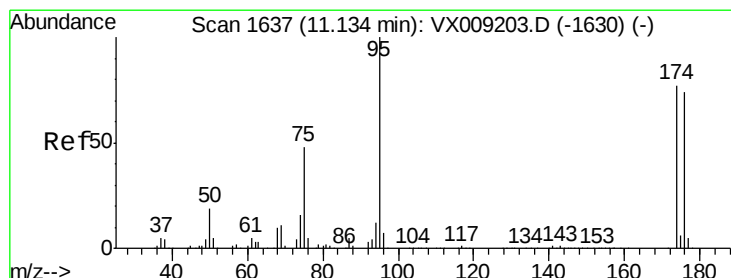
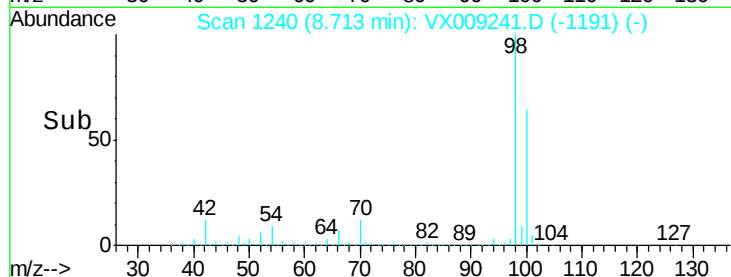
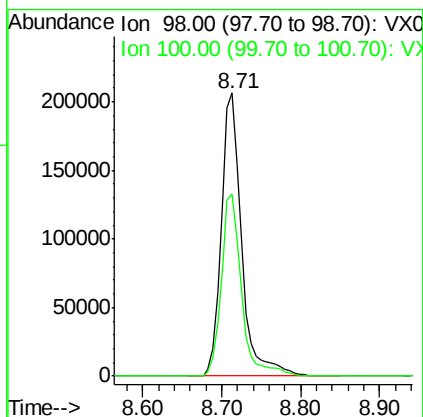
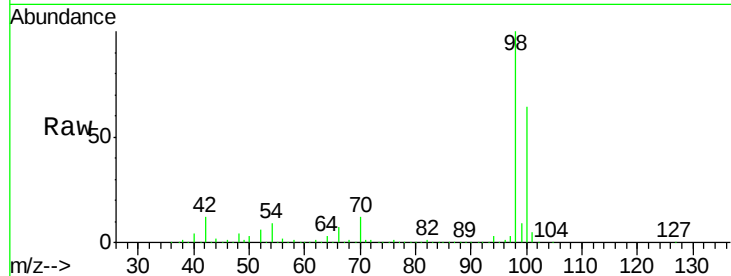




#50
Toluene-d8
Concen: 50.354 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009241.D
Acq: 30 Apr 2019 13:20

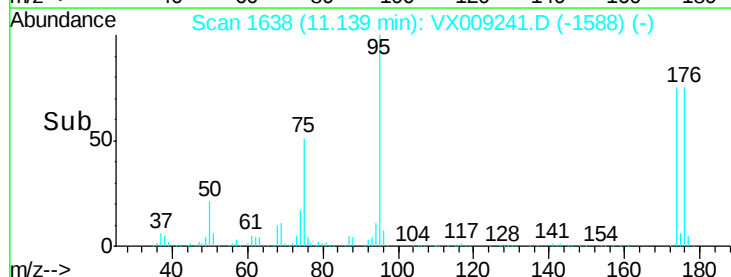
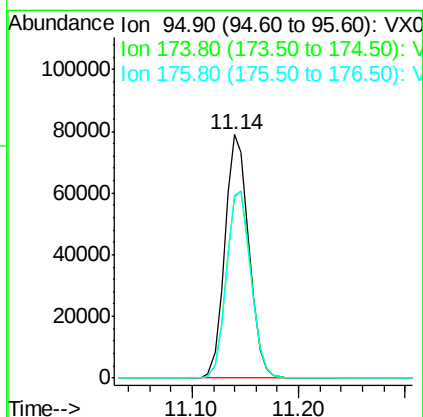
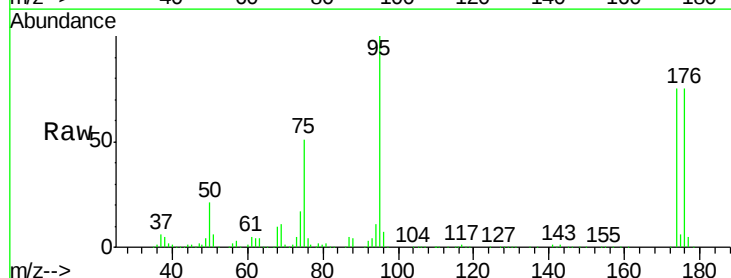
Instrument :
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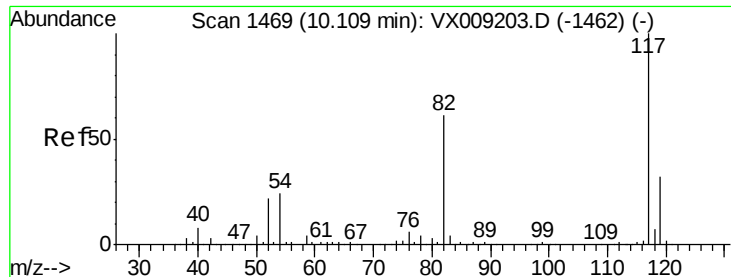
Tot Ion: 98 Resp: 371156
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.377 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX009241.D
Acq: 30 Apr 2019 13:20

Tgt Ion: 95 Resp: 124212
Ion Ratio Lower Upper
95 100
174 79.4 0.0 161.6
176 78.2 0.0 159.2

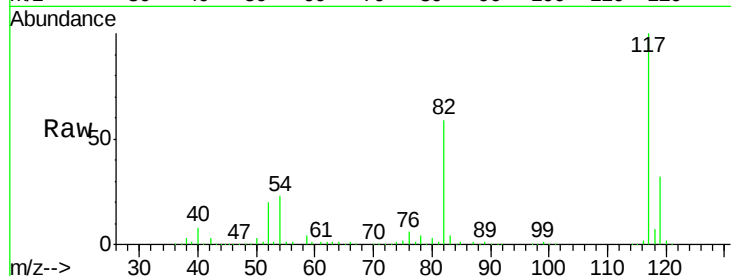




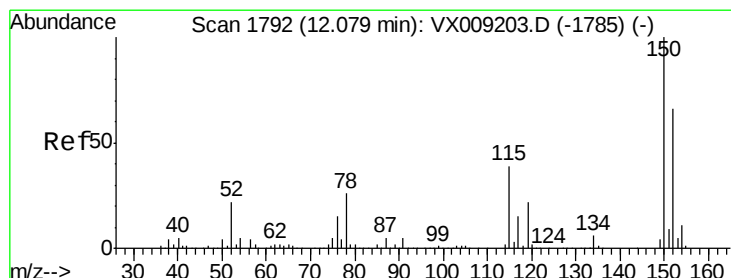
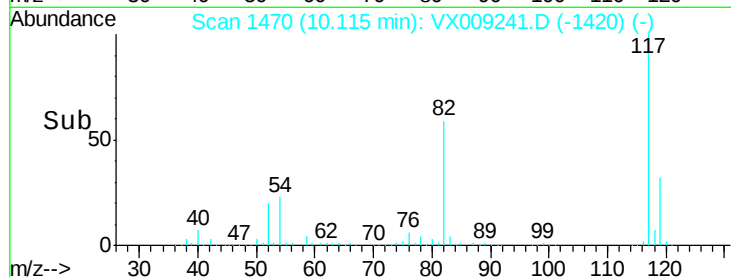
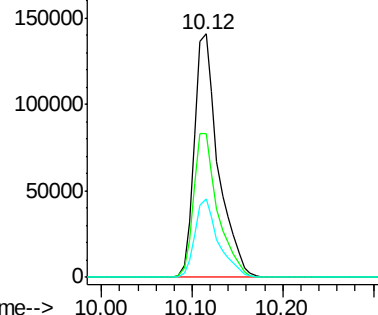
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009241.D
Acq: 30 Apr 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
CARBON-DNM

Tot Ion:117 Resp: 258431
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 32.2 25.8 38.6

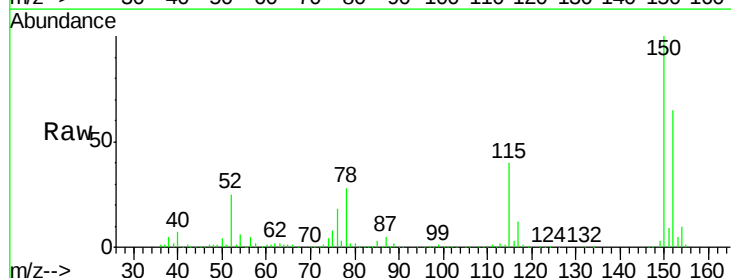


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009241.D
Acq: 30 Apr 2019 13:20

Tgt Ion:152 Resp: 113705
Ion Ratio Lower Upper
152 100
115 59.1 41.2 123.6
150 156.9 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

