

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012633.D
 Acq On : 24 Sep 2019 15:20
 Operator : JC/SP
 Sample : K5013-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0545

Quant Time: Sep 25 05:50:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

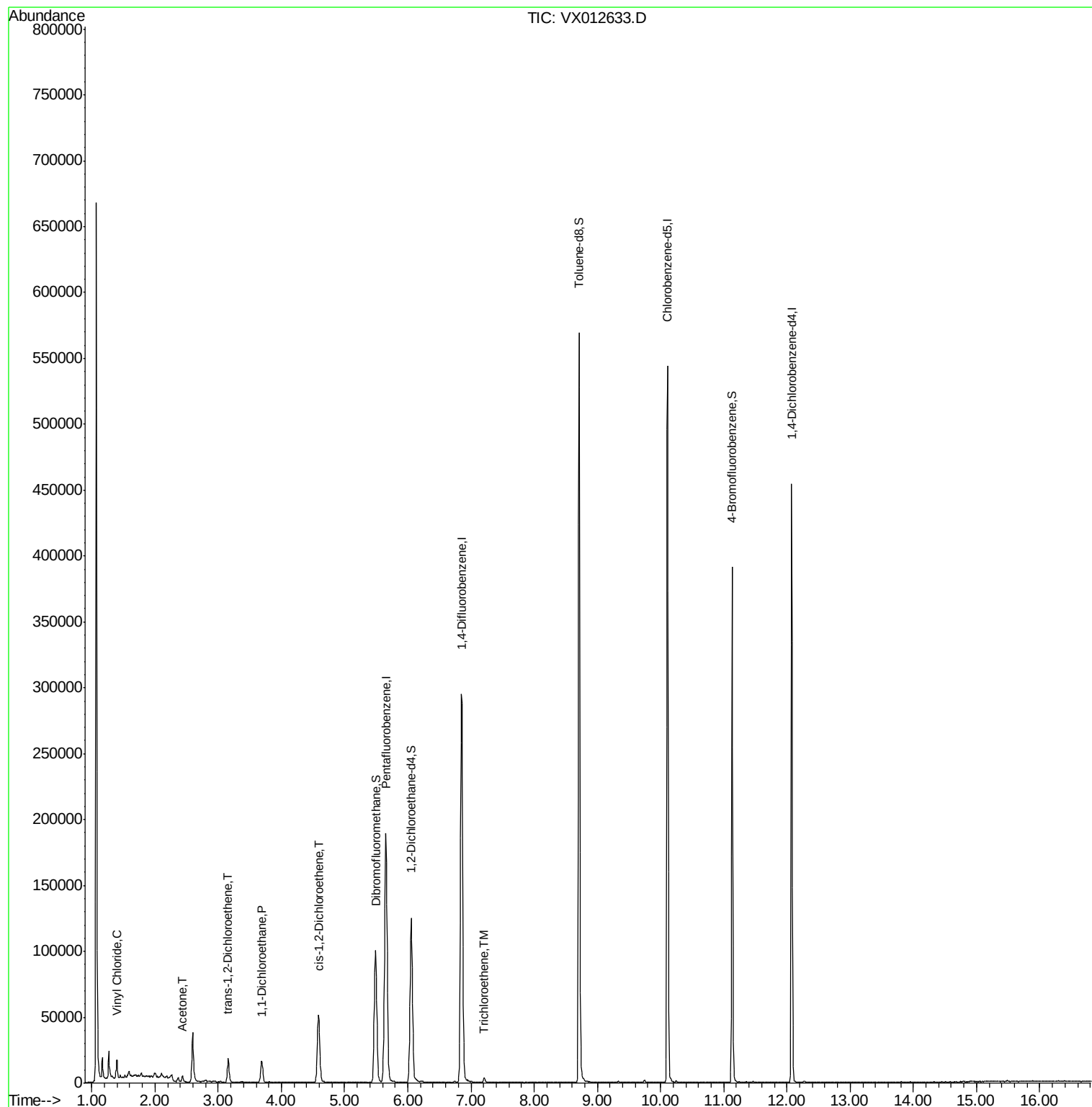
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	84897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	120568	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	5.49	113	86527	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	8.71	98	334730	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.14	95	108818	42.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.12%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	4051	1.904	ug/l	100
16) Acetone	2.44	43	4925	3.854	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	7087	3.591	ug/l	87
24) 1,1-Dichloroethane	3.69	63	17533	4.723	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	31012	13.542	ug/l	86
44) Trichloroethene	7.22	130	1365	0.656	ug/l	97

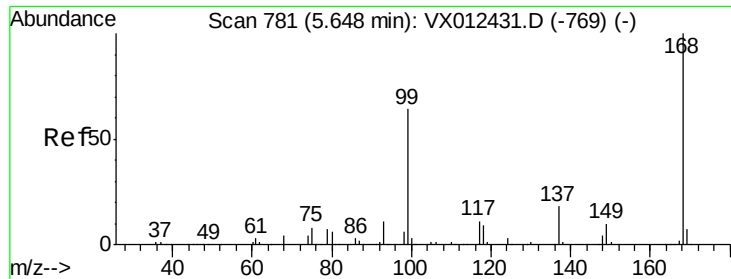
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Response via : Initial Calibration

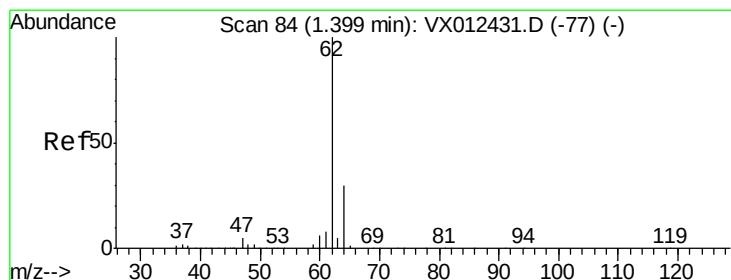
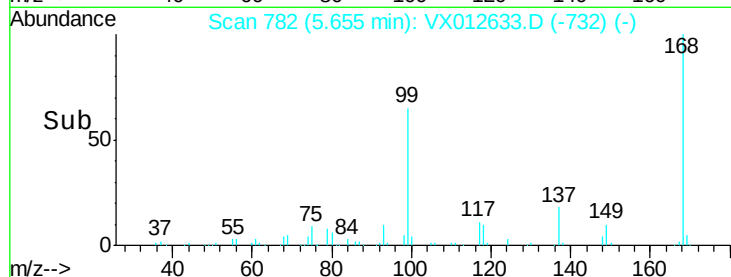
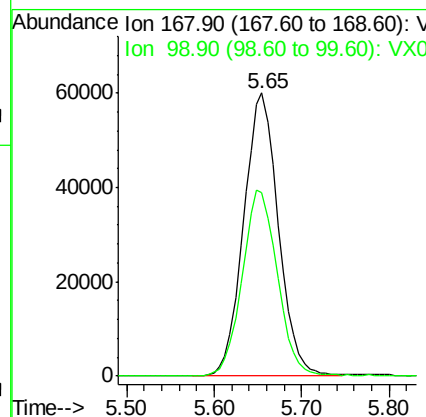
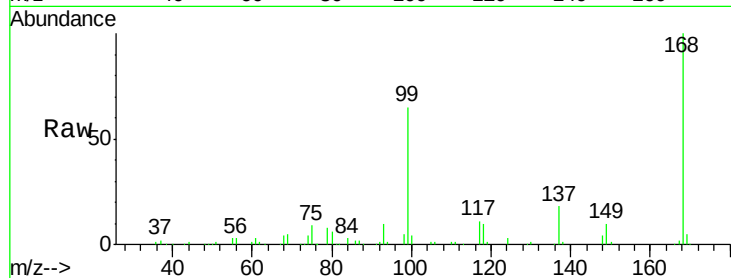




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012633.D
Acq: 24 Sep 2019 15:20

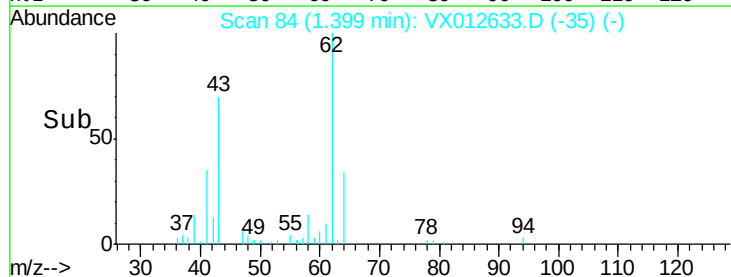
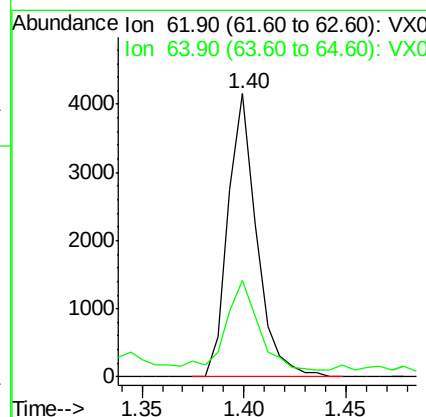
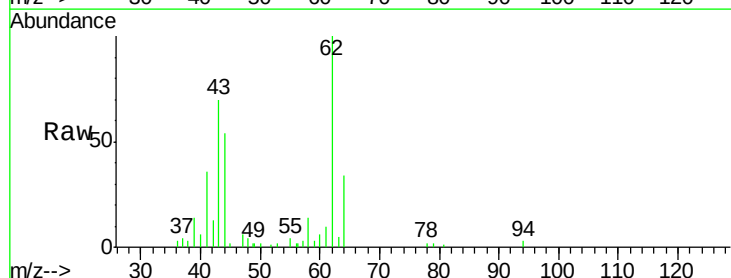
Instrument :
MSVOA_X
ClientSampleId :
S49-0545

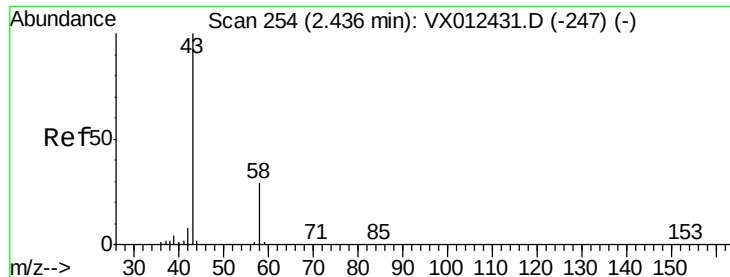
Tot Ion:168 Resp: 165694
Ion Ratio Lower Upper
168 100
99 64.7 51.4 77.2



#4
Vinyl Chloride
Concen: 1.904 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012633.D
Acq: 24 Sep 2019 15:20

Tgt Ion: 62 Resp: 4051
Ion Ratio Lower Upper
62 100
64 30.0 24.2 36.2





#16

Acetone

Concen: 3.854 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012633.D

Acq: 24 Sep 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

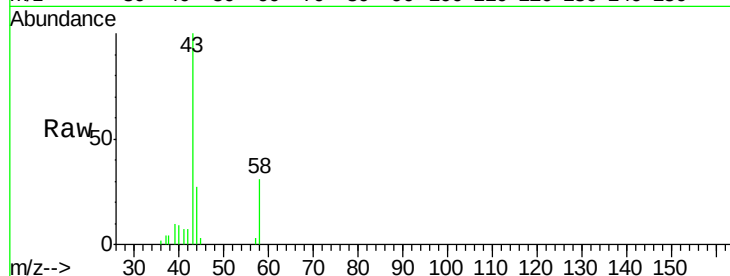
S49-0545

Tot Ion: 43 Resp: 4925

Ion Ratio Lower Upper

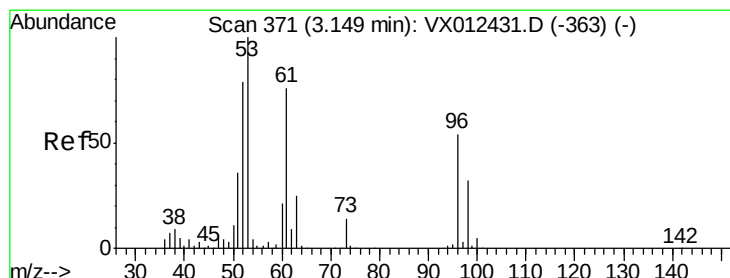
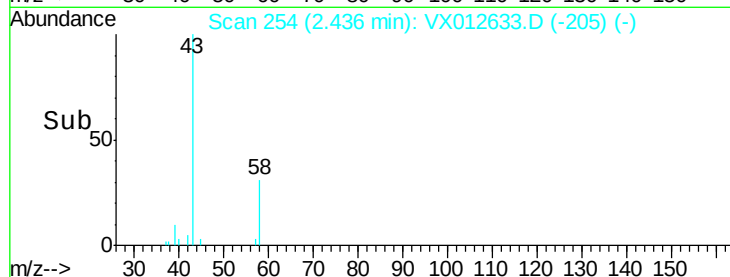
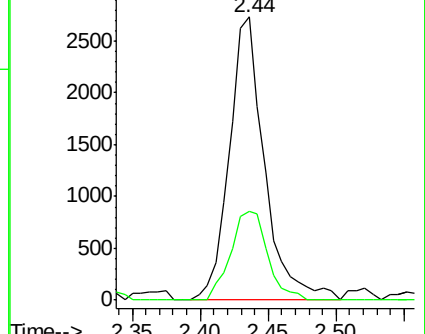
43 100

58 31.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#21

trans-1,2-Dichloroethene

Concen: 3.591 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012633.D

Acq: 24 Sep 2019 15:20

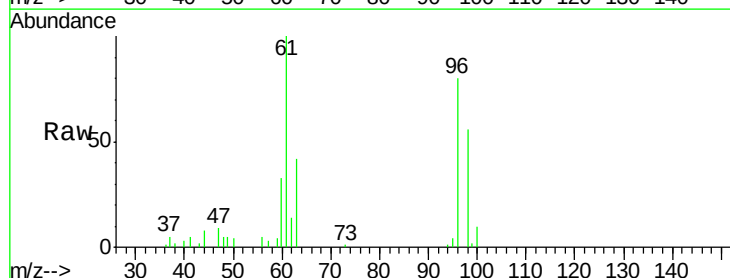
Tgt Ion: 96 Resp: 7087

Ion Ratio Lower Upper

96 100

61 124.8 112.0 168.0

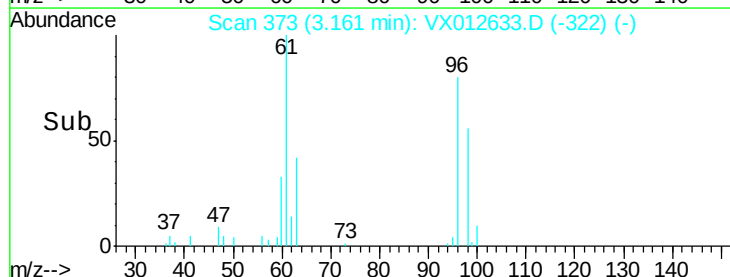
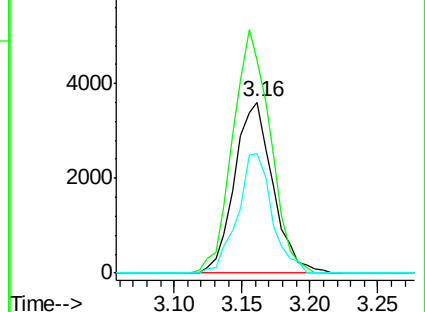
98 69.8 47.8 71.8

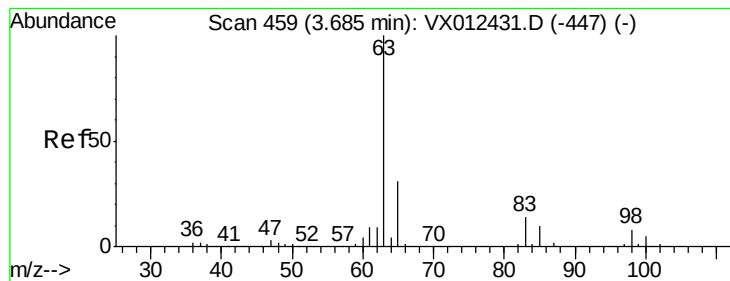


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 4.723 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012633.D

Acq: 24 Sep 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

S49-0545

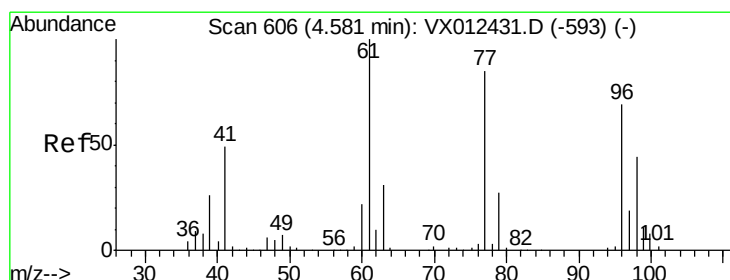
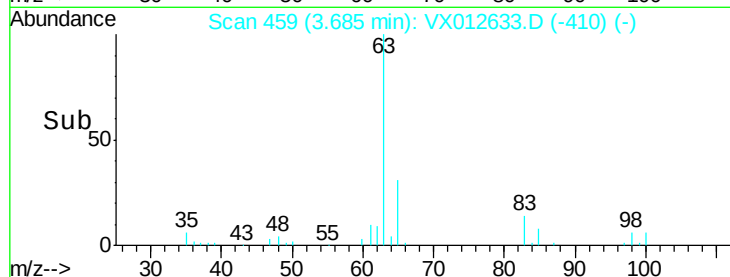
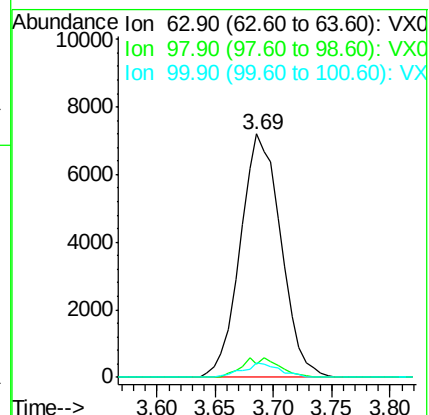
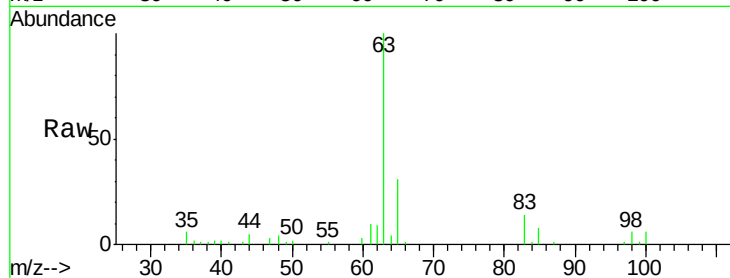
Tot Ion: 63 Resp: 17533

Ion Ratio Lower Upper

63 100

98 5.6 3.9 11.7

100 5.8 2.3 6.9



#27

cis-1,2-Dichloroethene

Concen: 13.542 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012633.D

Acq: 24 Sep 2019 15:20

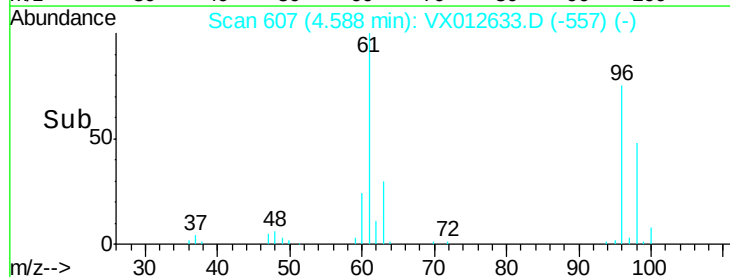
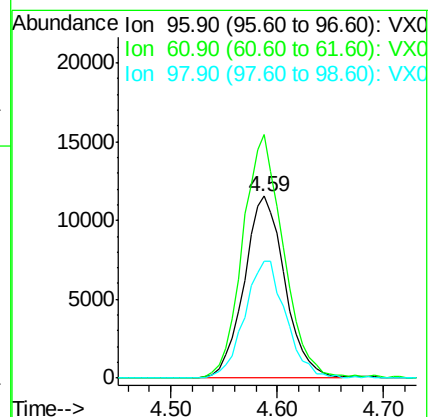
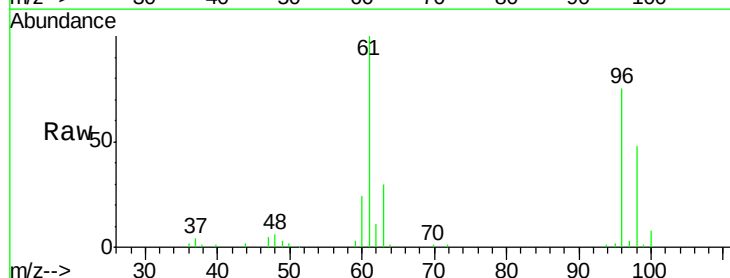
Tgt Ion: 96 Resp: 31012

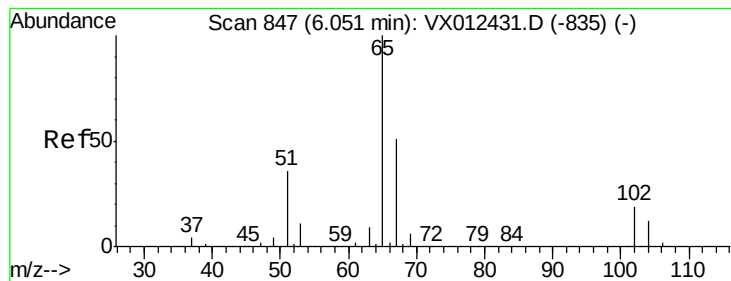
Ion Ratio Lower Upper

96 100

61 133.9 0.0 319.4

98 64.9 0.0 130.6





#33

1,2-Dichloroethane-d4

Concen: 49.970 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012633.D

Acq: 24 Sep 2019 15:20

Instrument :

MSVOA_X

ClientSampled :

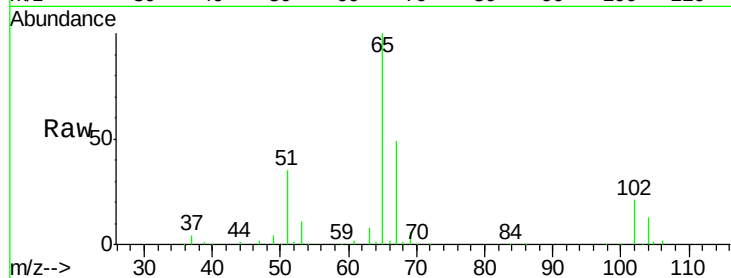
S49-0545

Tot Ion: 65 Resp: 120568

Ion Ratio Lower Upper

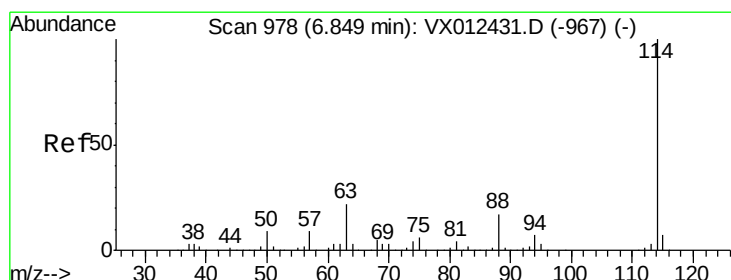
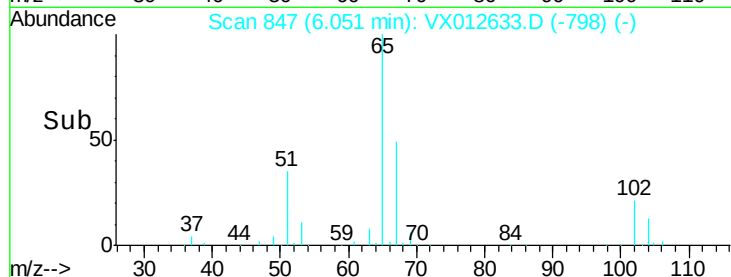
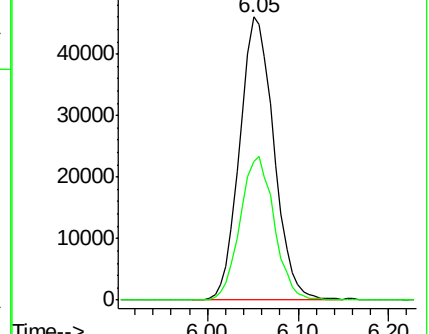
65 100

67 50.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012633.D

Acq: 24 Sep 2019 15:20

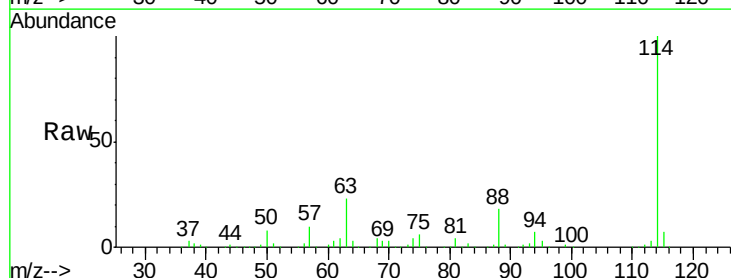
Tgt Ion: 114 Resp: 286910

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.2

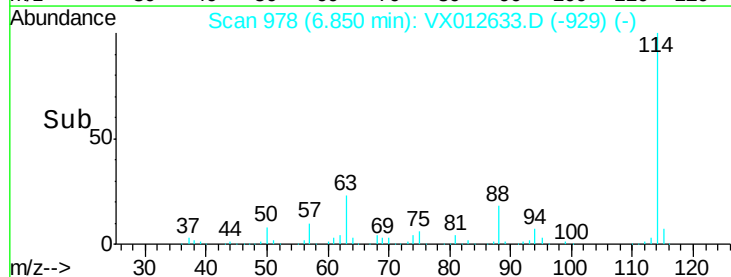
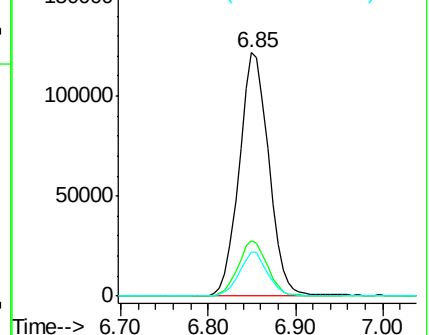
88 17.9 0.0 33.2

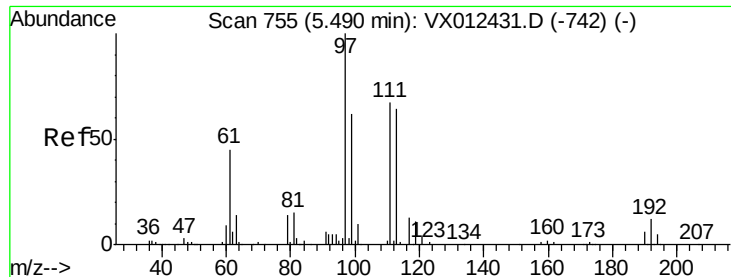


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.640 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012633.D

Acq: 24 Sep 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

S49-0545

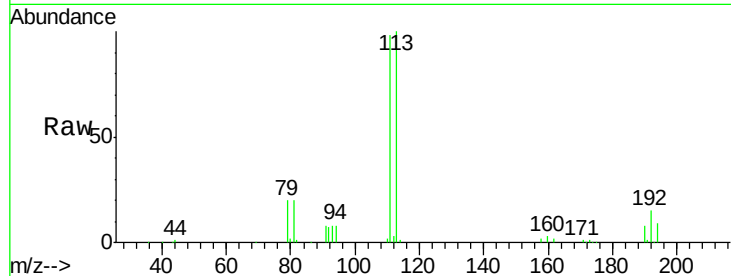
Tot Ion:113 Resp: 86527

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

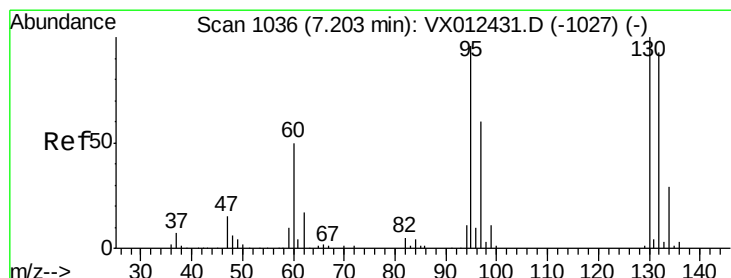
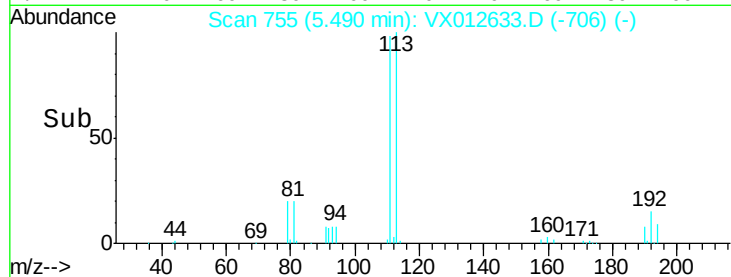
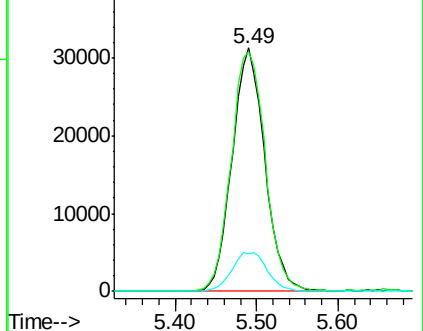
192 17.3 14.4 21.6



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



#44

Trichloroethene

Concen: 0.656 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX012633.D

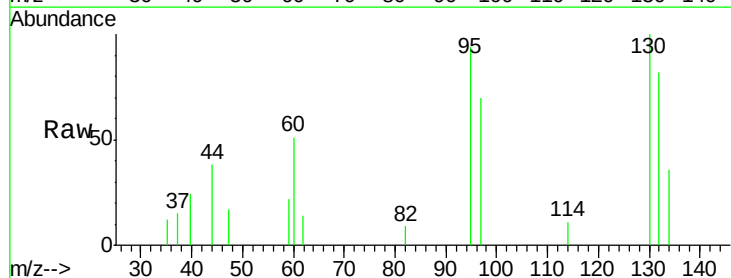
Acq: 24 Sep 2019 15:20

Tgt Ion:130 Resp: 1365

Ion Ratio Lower Upper

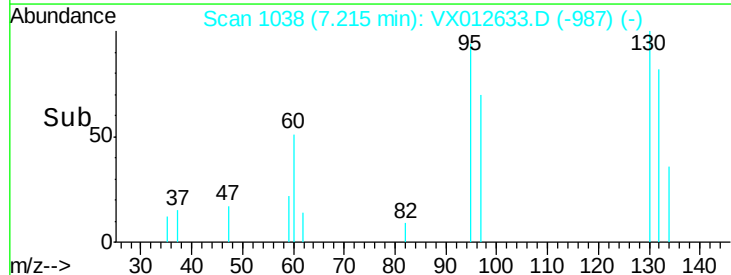
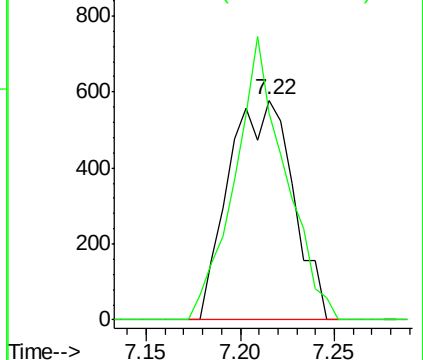
130 100

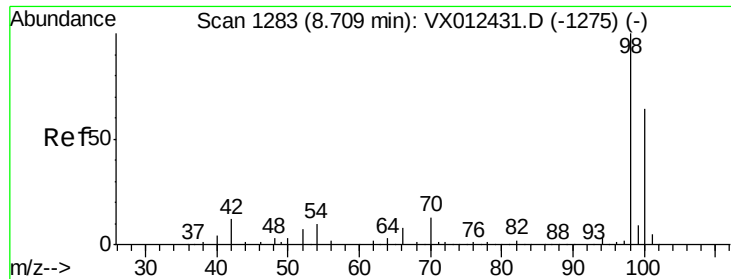
95 93.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

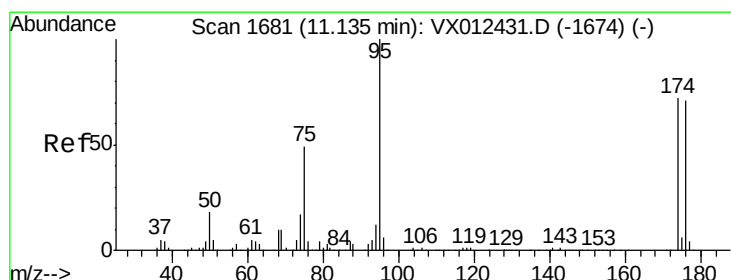
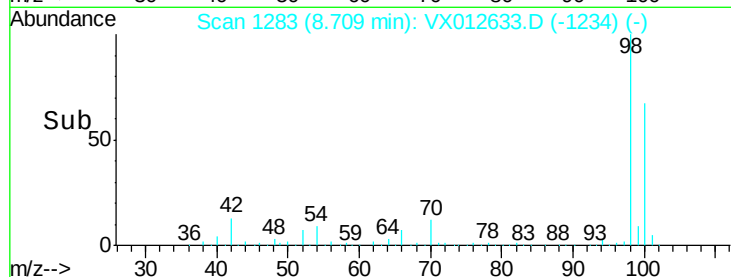
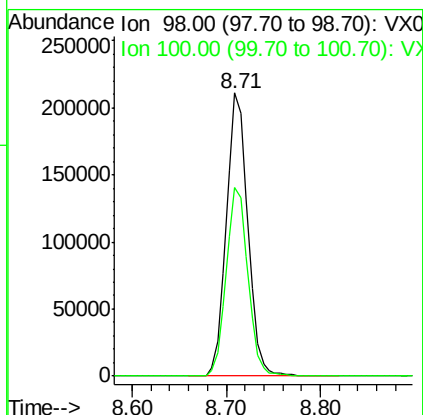
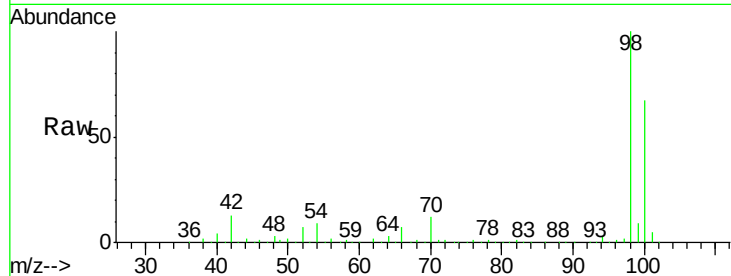




#50
Toluene-d8
Concen: 50.869 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012633.D
Acq: 24 Sep 2019 15:20

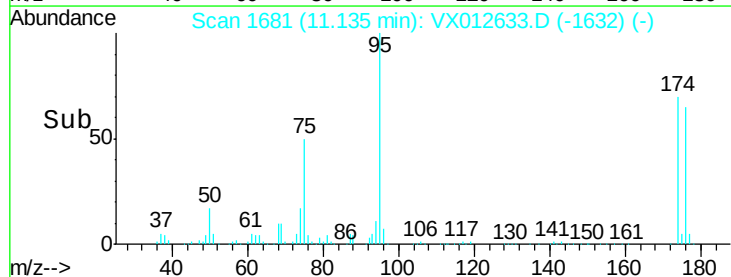
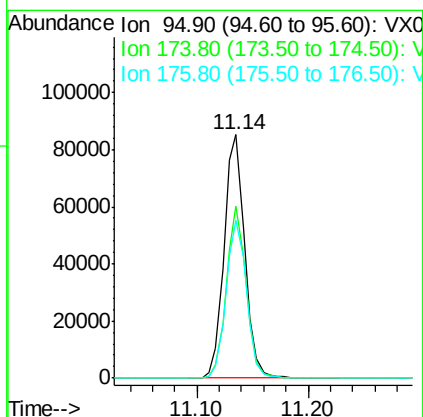
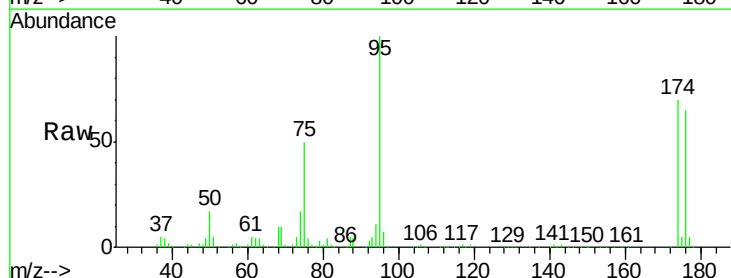
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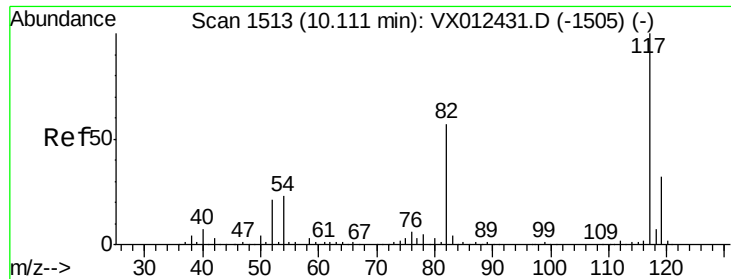
Tot Ion: 98 Resp: 334730
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 42.058 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012633.D
Acq: 24 Sep 2019 15:20

Tgt Ion: 95 Resp: 108818
Ion Ratio Lower Upper
95 100
174 67.8 0.0 140.0
176 64.4 0.0 135.4

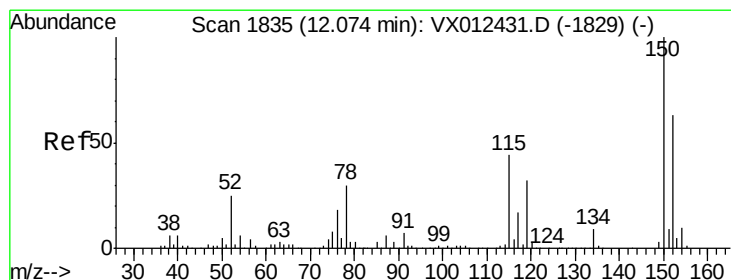
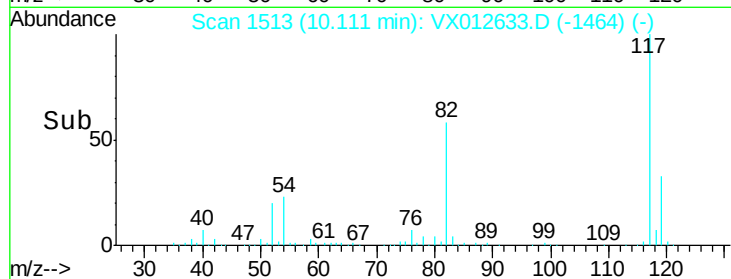
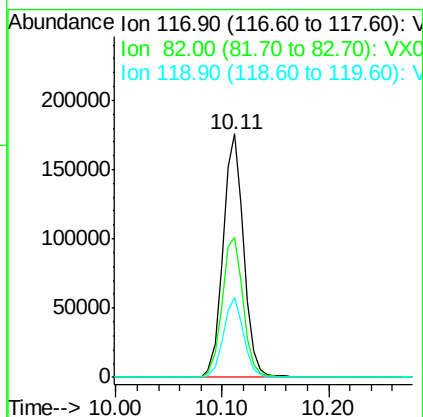
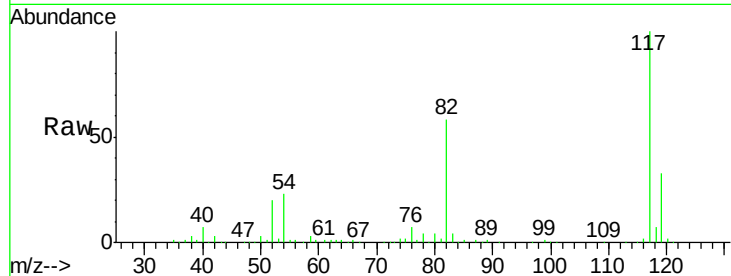




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012633.D
Acq: 24 Sep 2019 15:20

Instrument :
MSVOA_X
ClientSampled :
S49-0545

Tot Ion:117 Resp: 237580
Ion Ratio Lower Upper
117 100
82 57.7 45.9 68.9
119 32.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012633.D
Acq: 24 Sep 2019 15:20

Tgt Ion:152 Resp: 84897
Ion Ratio Lower Upper
152 100
115 64.7 44.1 132.3
150 154.6 0.0 343.8

