

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013793.D
 Acq On : 06 Dec 2019 12:46
 Operator : JC/SP
 Sample : K6184-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20191202

Quant Time: Dec 07 03:43:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

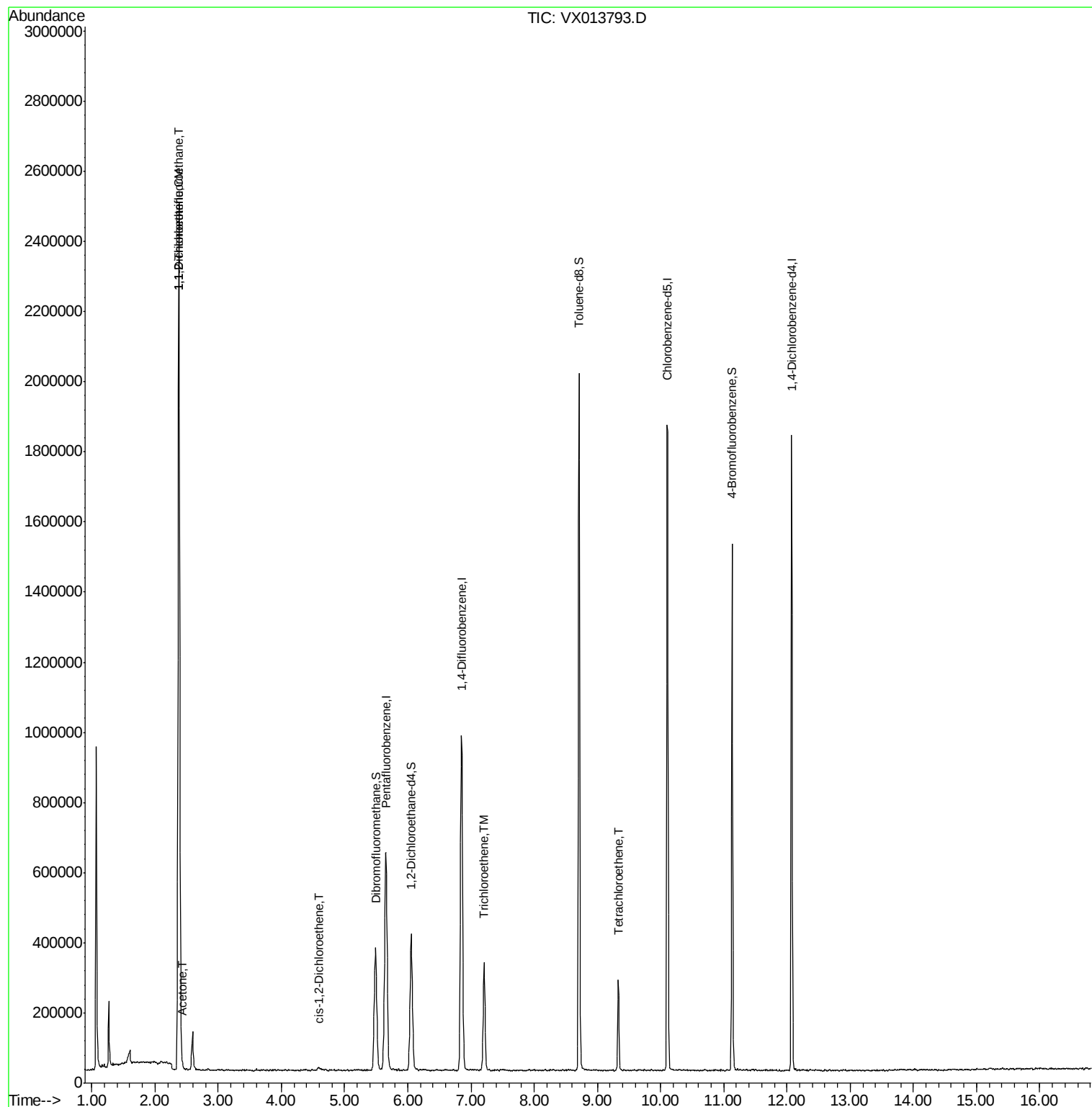
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	652556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	994165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	883684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	392809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	358447	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	5.49	113	294389	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	8.71	98	1168793	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.14	95	387879	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1004029	161.379	ug/l	99
12) 1,1-Dichloroethene	2.37	96	6115	0.985	ug/l #	73
16) Acetone	2.44	43	10824	2.894	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	6038	0.777	ug/l	96
44) Trichloroethene	7.21	130	126254	16.737	ug/l	97
64) Tetrachloroethene	9.33	164	53142	8.064	ug/l	93

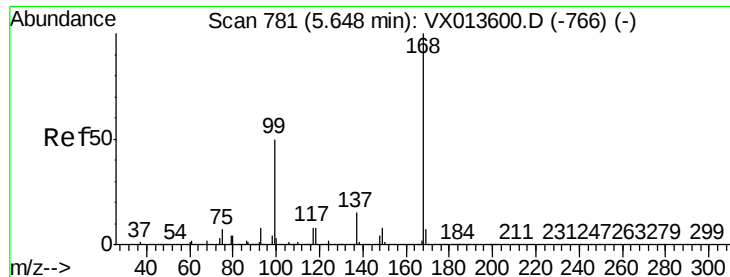
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
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: VX013793.D

Acq: 06 Dec 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

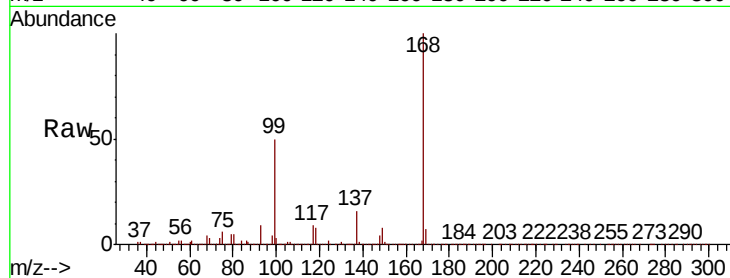
RE134D4-20191202

Tot Ion:168 Resp: 652556

Ion Ratio Lower Upper

168 100

99 50.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

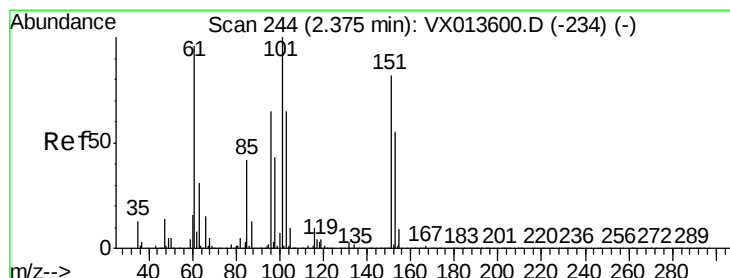
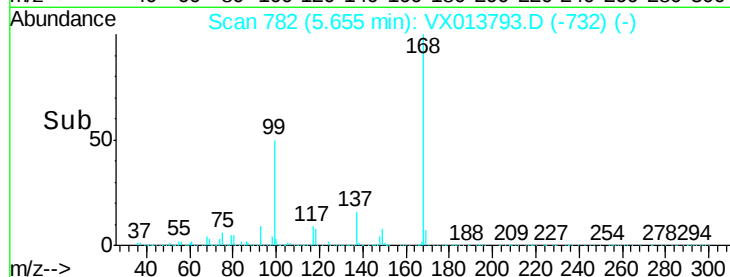
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 161.379 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013793.D

Acq: 06 Dec 2019 12:46

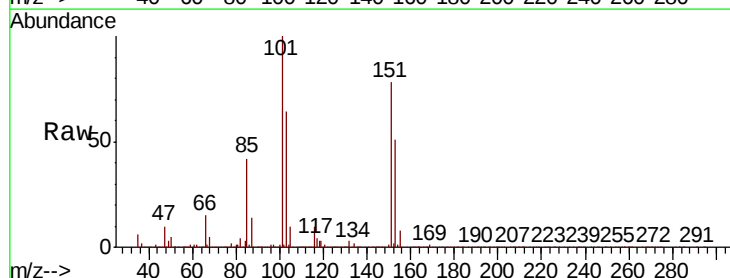
Tgt Ion:101 Resp: 1004029

Ion Ratio Lower Upper

101 100

85 42.0 33.9 50.9

151 81.7 64.2 96.2



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

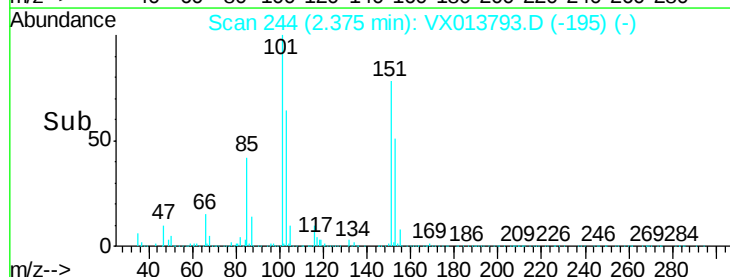
600000

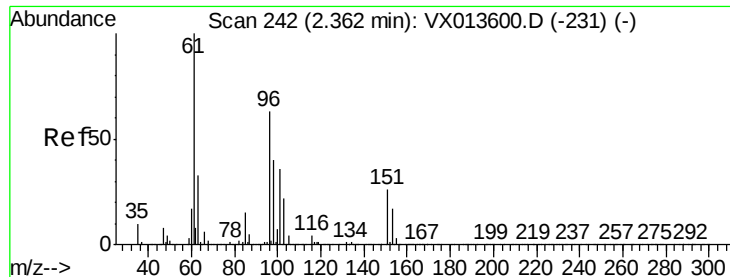
400000

200000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.985 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013793.D

Acq: 06 Dec 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20191202

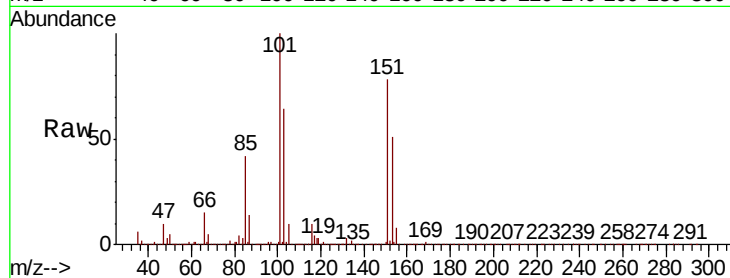
Tot Ion: 96 Resp: 6115

Ion Ratio Lower Upper

96 100

61 115.4 126.6 190.0#

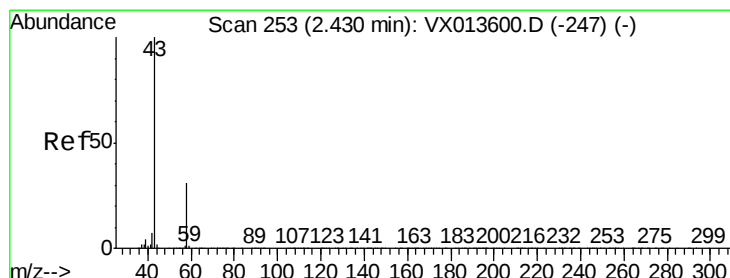
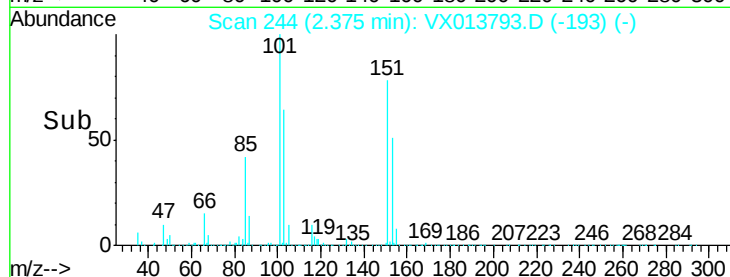
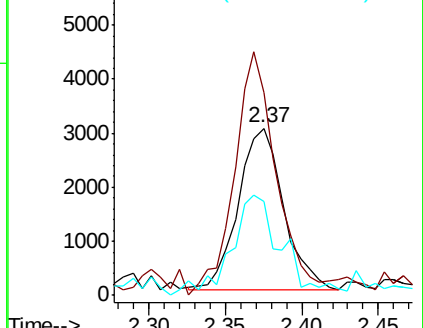
98 53.6 50.6 76.0



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



#16

Acetone

Concen: 2.894 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013793.D

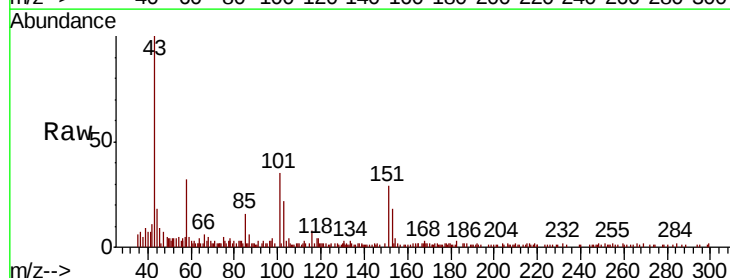
Acq: 06 Dec 2019 12:46

Tgt Ion: 43 Resp: 10824

Ion Ratio Lower Upper

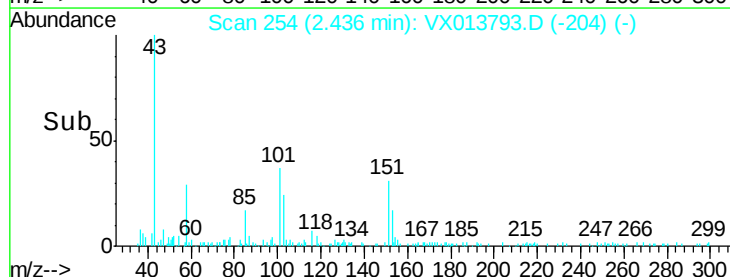
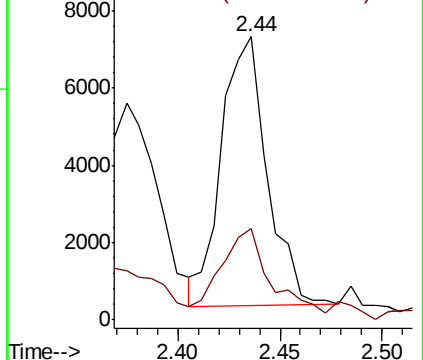
43 100

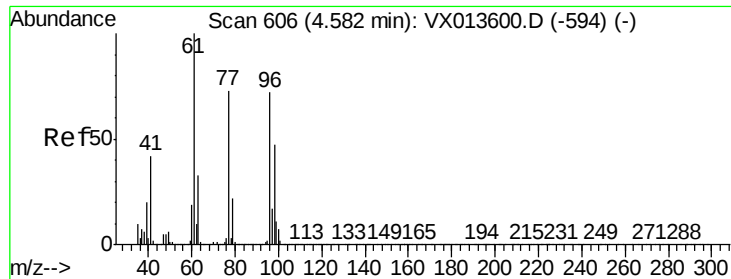
58 29.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



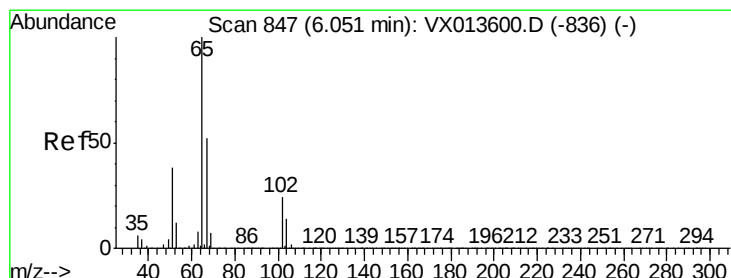
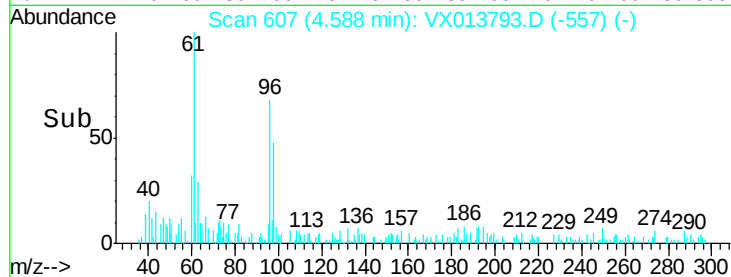
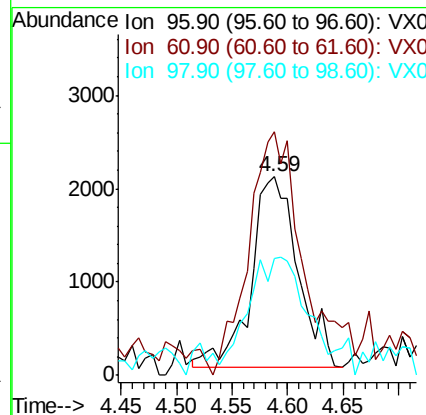
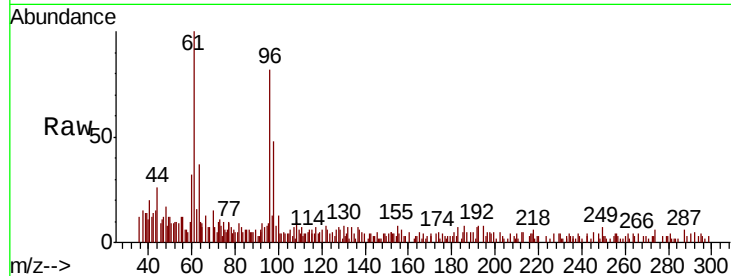


#27

cis-1,2-Dichloroethene
Concen: 0.777 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

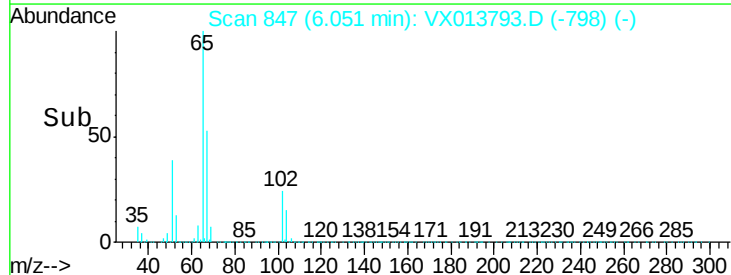
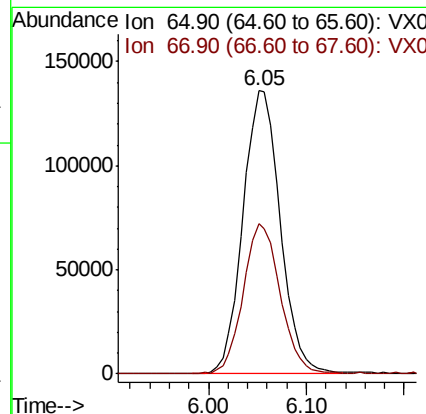
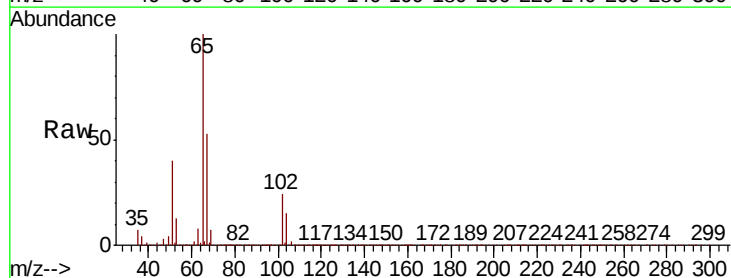
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	286.4
98	64.5	0.0	127.4

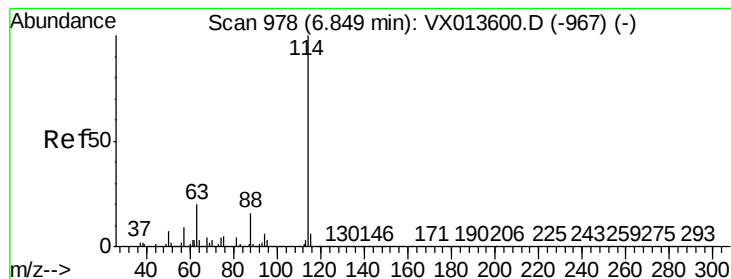


#33

1,2-Dichloroethane-d4
Concen: 47.322 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013793.D

Acq: 06 Dec 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20191202

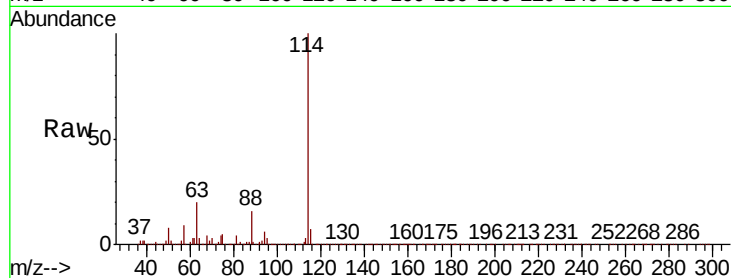
Tot Ion:114 Resp: 994165

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

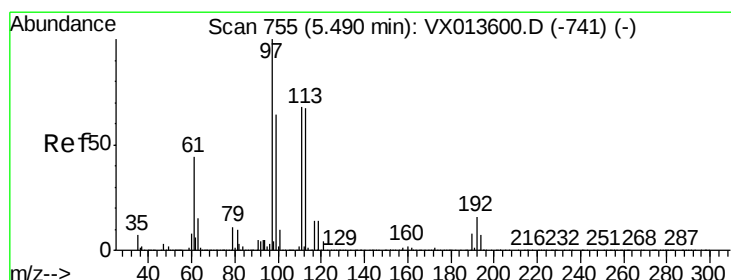
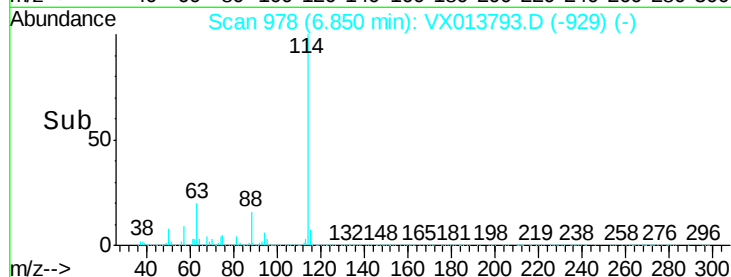
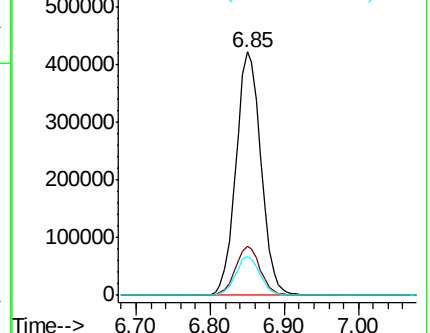
88 16.0 0.0 31.4



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: 47.899 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013793.D

Acq: 06 Dec 2019 12:46

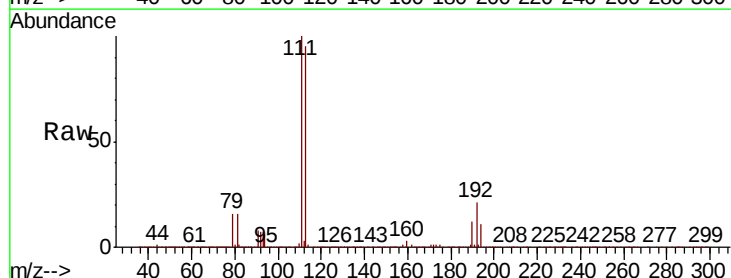
Tgt Ion:113 Resp: 294389

Ion Ratio Lower Upper

113 100

111 103.7 83.6 125.4

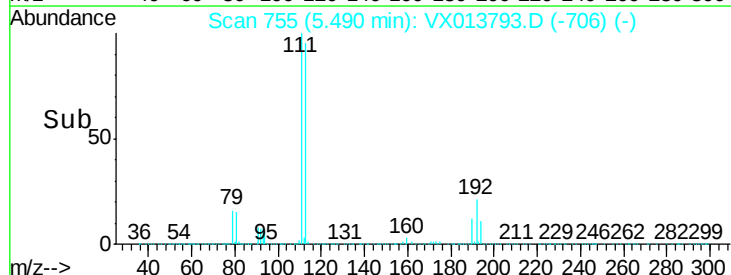
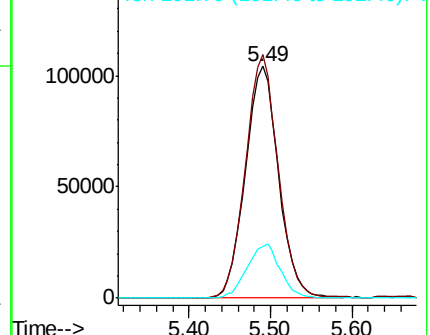
192 23.3 19.2 28.8

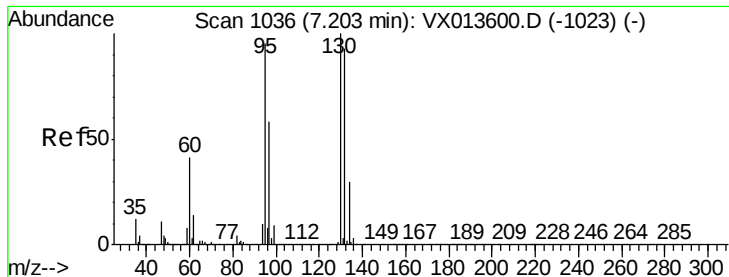


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 16.737 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013793.D

Acq: 06 Dec 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

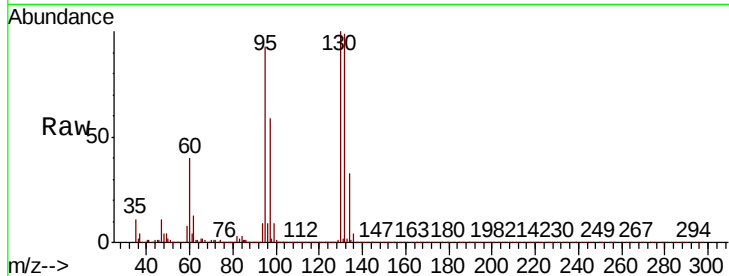
RE134D4-20191202

Tot Ion:130 Resp: 126254

Ion Ratio Lower Upper

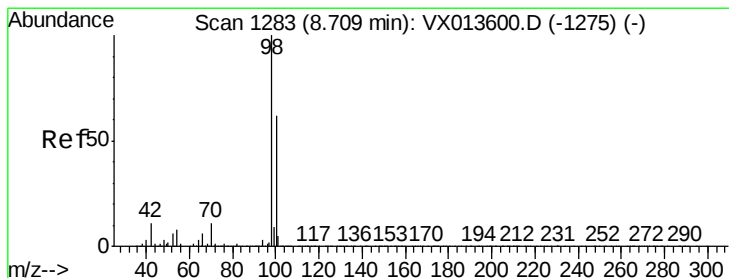
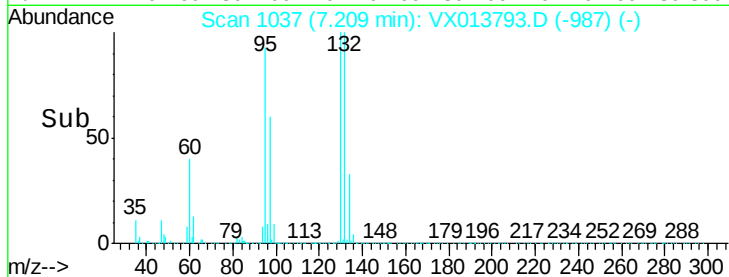
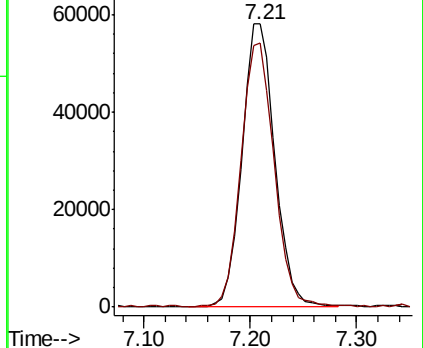
130 100

95 92.9 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.810 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013793.D

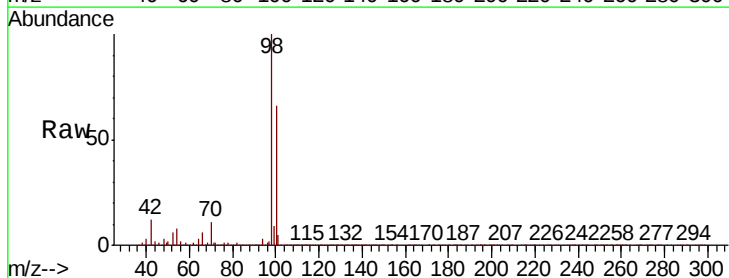
Acq: 06 Dec 2019 12:46

Tgt Ion: 98 Resp: 1168793

Ion Ratio Lower Upper

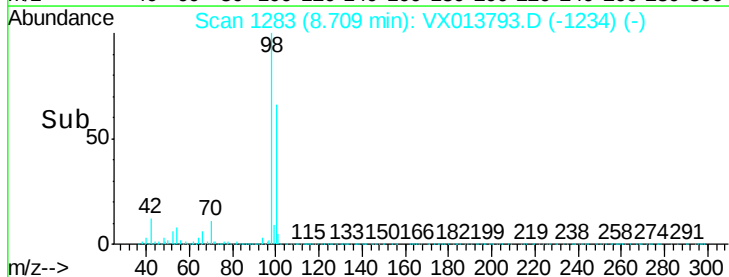
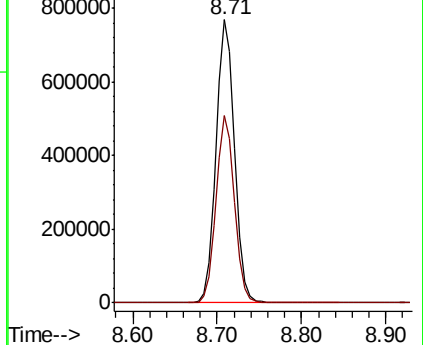
98 100

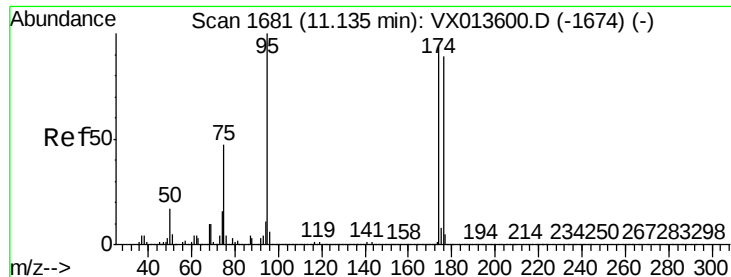
100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.920 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013793.D

Acq: 06 Dec 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20191202

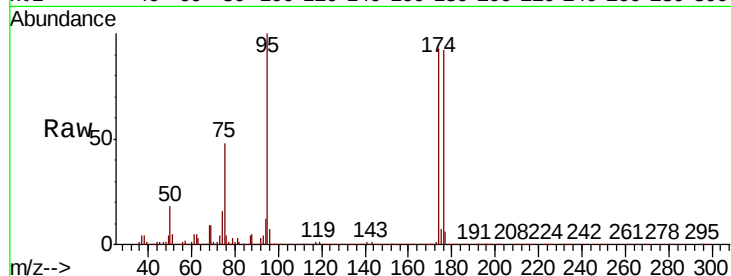
Tot Ion: 95 Resp: 387879

Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.0

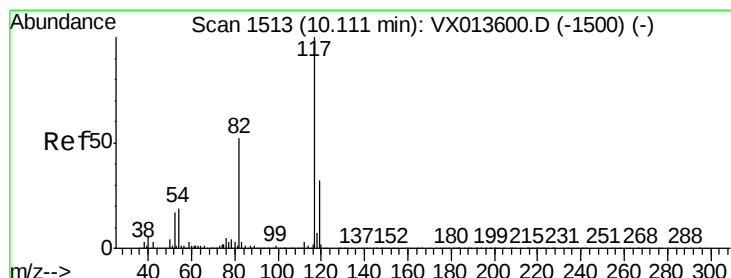
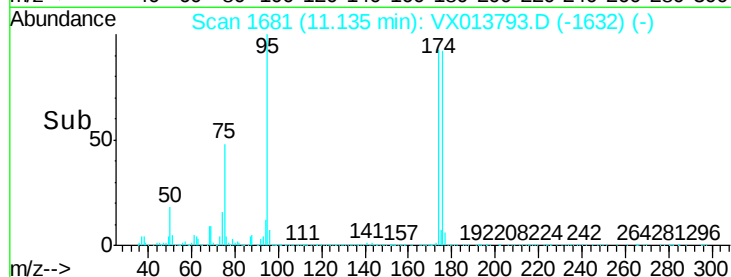
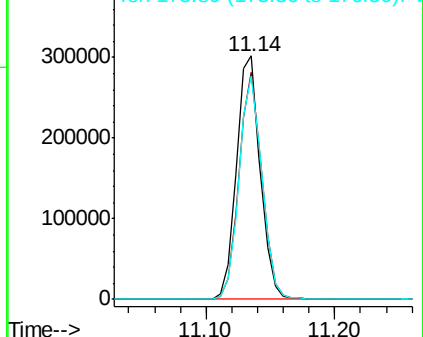
176 88.2 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX013793.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013793.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013793.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013793.D

Acq: 06 Dec 2019 12:46

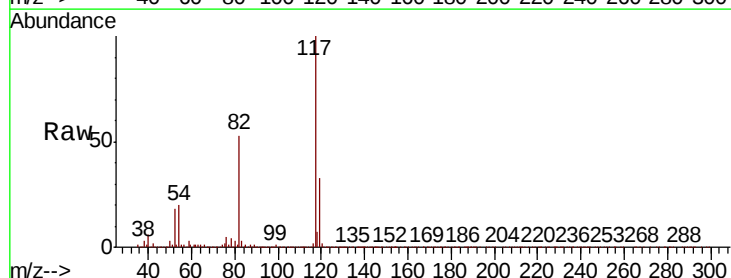
Tgt Ion: 117 Resp: 883684

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

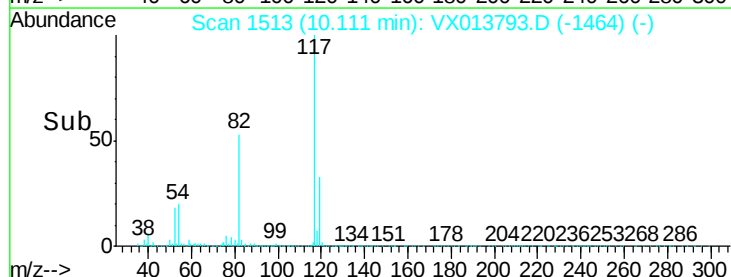
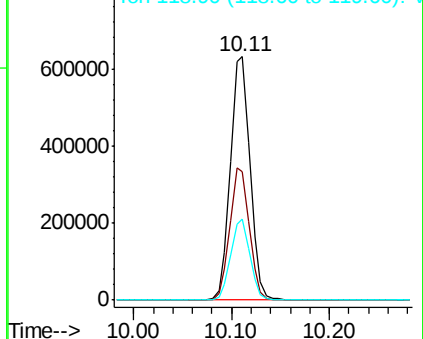
119 33.1 25.8 38.8

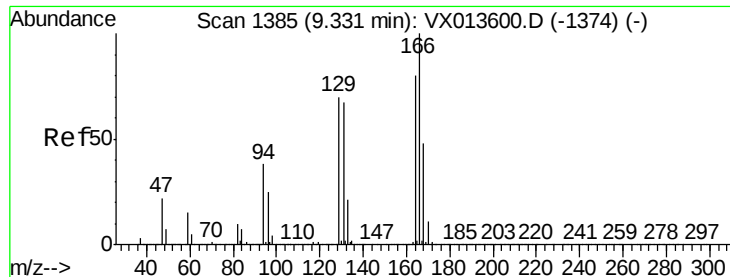


Abundance Ion 116.90 (116.60 to 117.60): VX013793.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013793.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013793.D (-1464) (-)

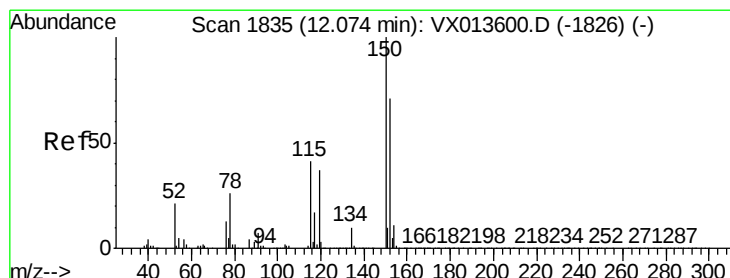
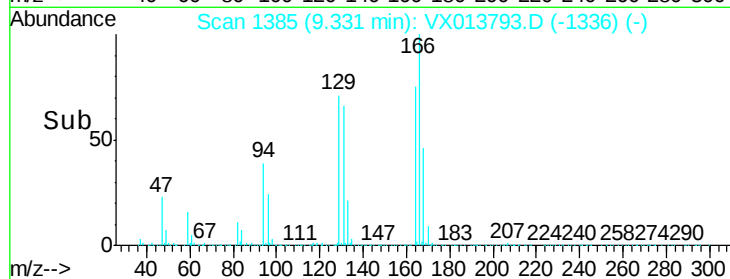
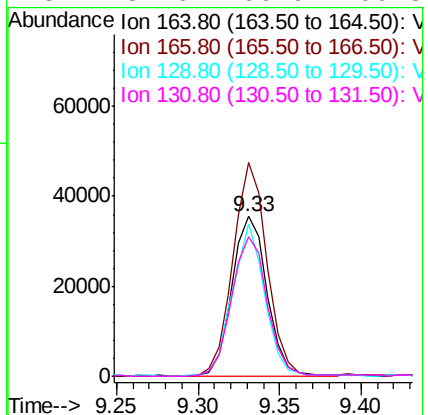
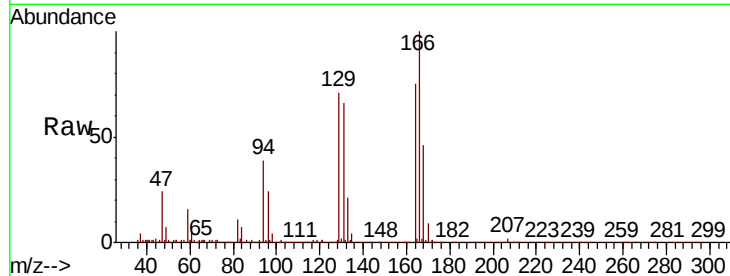




#64
Tetrachloroethene
Concen: 8.064 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tot Ion	Ratio	Lower	Upper
164	100		
166	133.5	99.7	149.5
129	94.8	70.1	105.1
131	87.6	66.9	100.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.4	115.1
150	153.3	0.0	346.8

