

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013940.D
 Acq On : 11 Dec 2019 13:34
 Operator : JC/SP
 Sample : K6185-04DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20191204DL

Quant Time: Dec 12 06:14:03 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

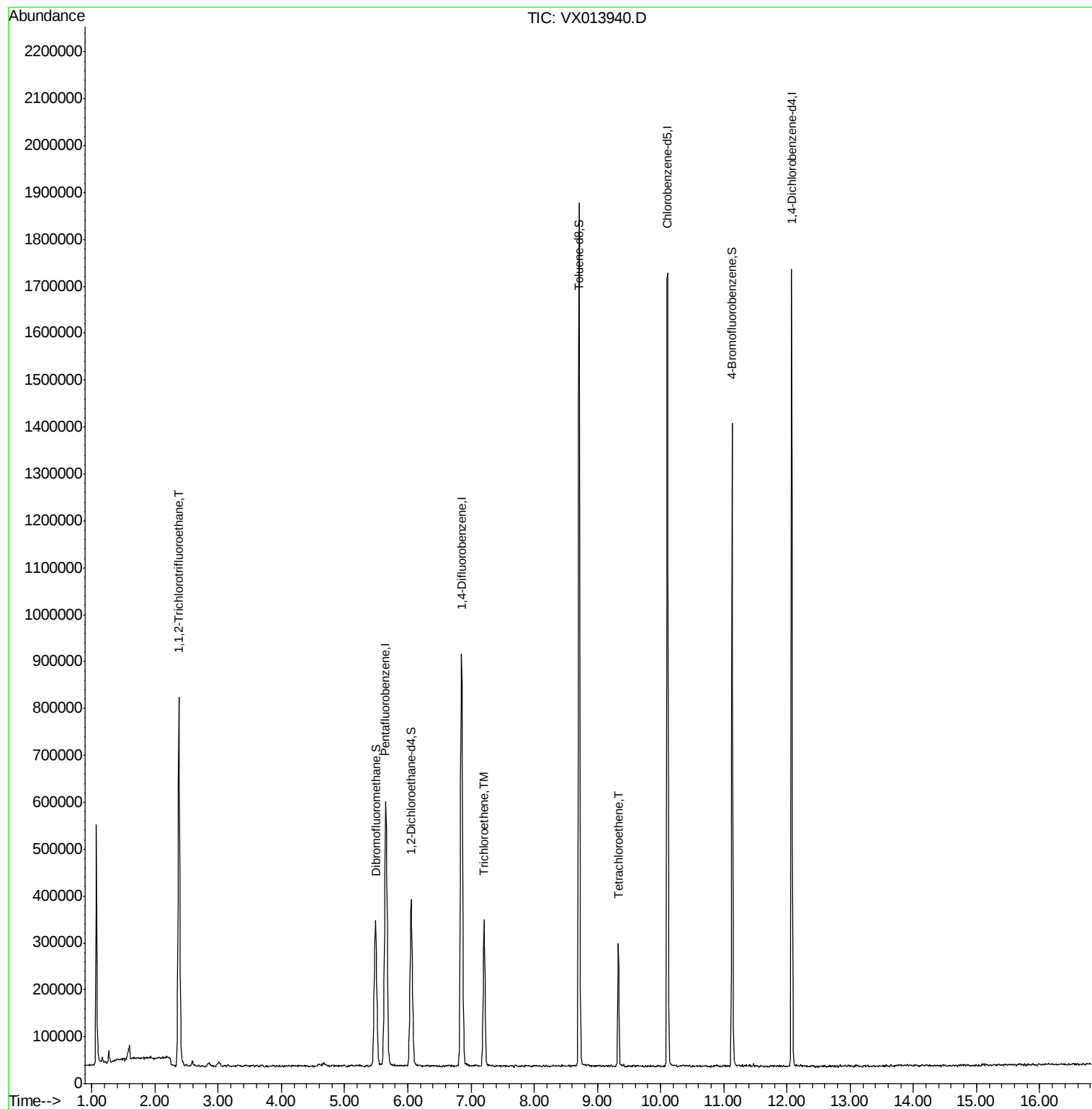
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	588046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	902098	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	809046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	334125	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	5.49	113	267425	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	8.71	98	1072935	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.14	95	358282	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	322266	57.481	ug/l	99
44) Trichloroethene	7.21	130	124604	18.204	ug/l	95
64) Tetrachloroethene	9.33	164	50798	8.419	ug/l	95

(#) = 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# 781

Delta R.T. -0.00 min

Lab File: VX013940.D

Acq: 11 Dec 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

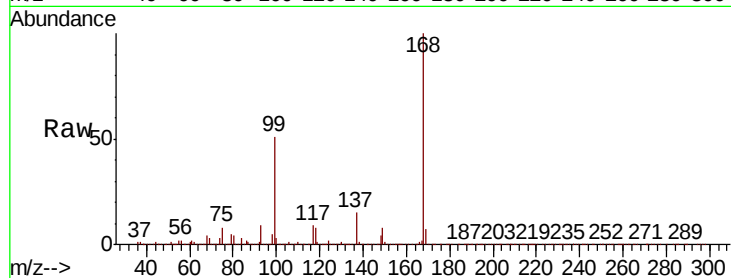
RE134D3-20191204DL

Tot Ion:168 Resp: 588046

Ion Ratio Lower Upper

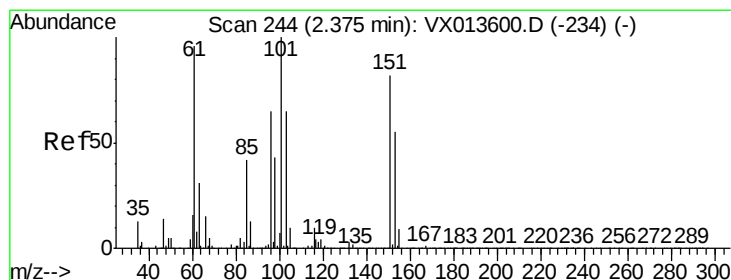
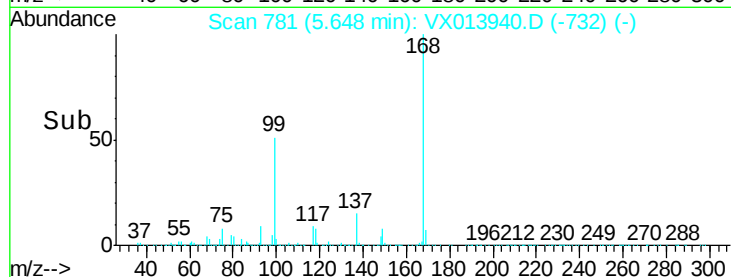
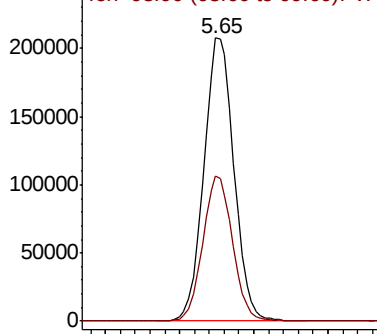
168 100

99 51.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.481 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX013940.D

Acq: 11 Dec 2019 13:34

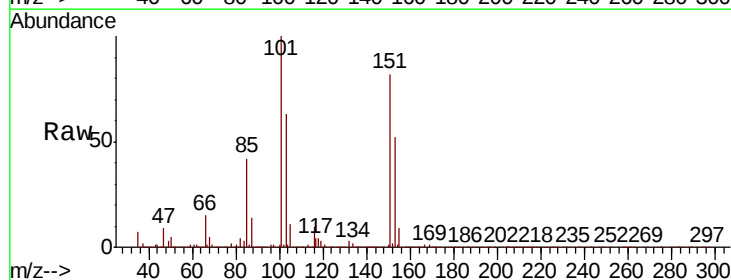
Tgt Ion:101 Resp: 322266

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

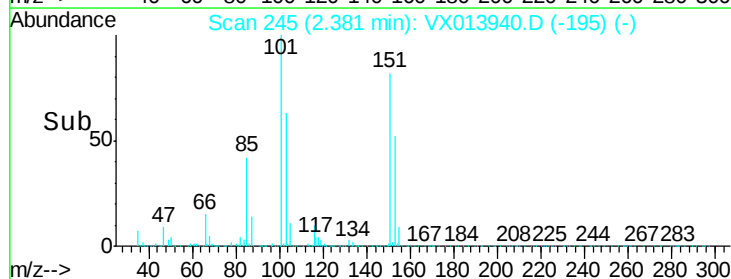
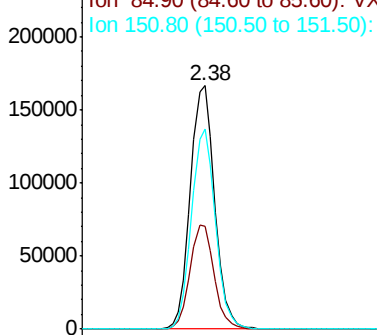
151 80.9 64.2 96.2

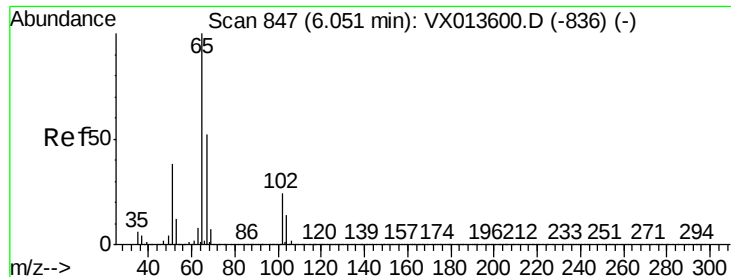


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#33

1,2-Dichloroethane-d4

Concen: 48.950 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013940.D

Acq: 11 Dec 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

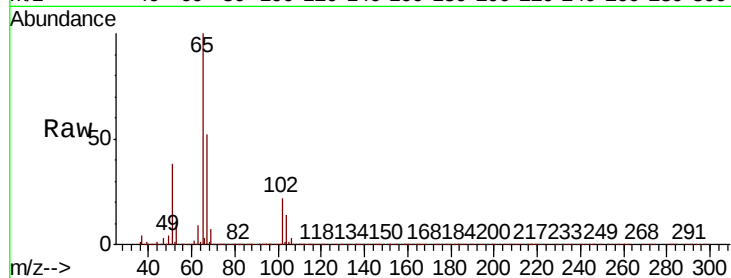
RE134D3-20191204DL

Tot Ion: 65 Resp: 334125

Ion Ratio Lower Upper

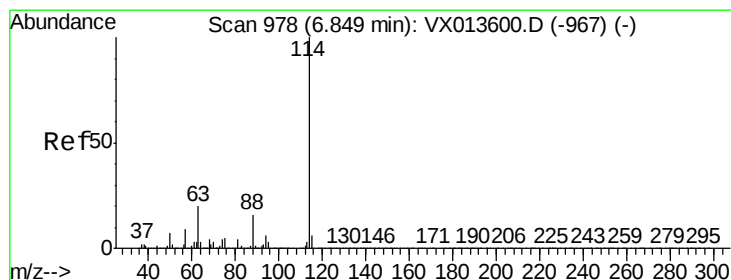
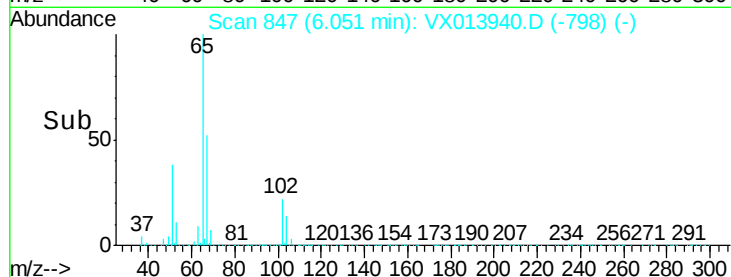
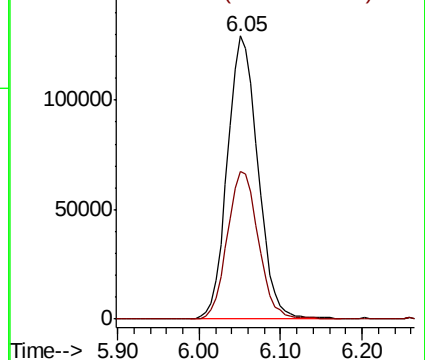
65 100

67 52.6 0.0 104.4



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: VX013940.D

Acq: 11 Dec 2019 13:34

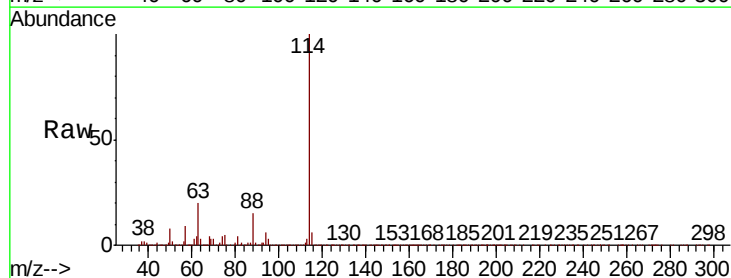
Tgt Ion: 114 Resp: 902098

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

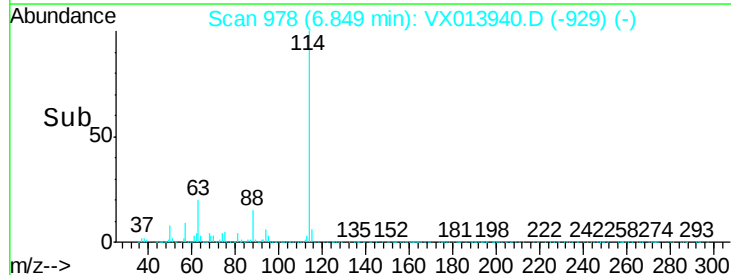
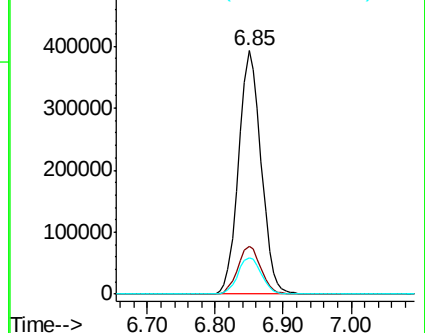
88 15.0 0.0 31.4

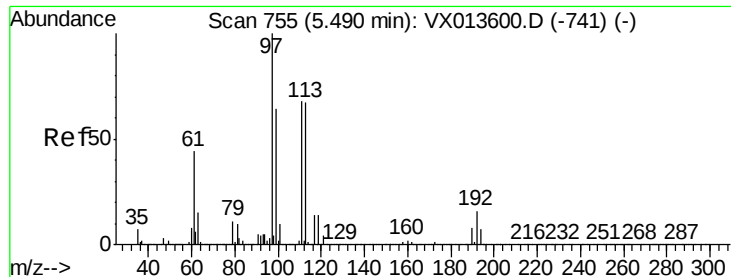


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.952 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013940.D

Acq: 11 Dec 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20191204DL

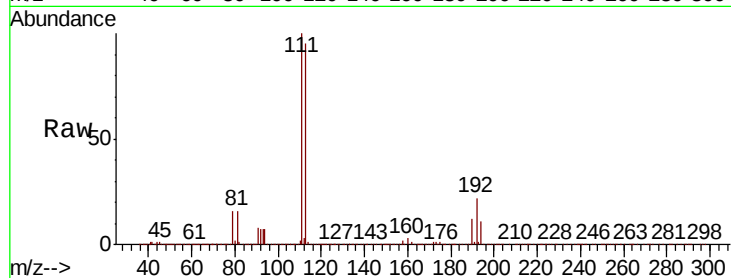
Tot Ion:113 Resp: 267425

Ion Ratio Lower Upper

113 100

111 103.8 83.6 125.4

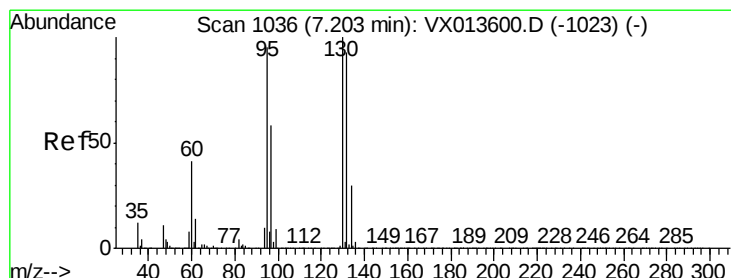
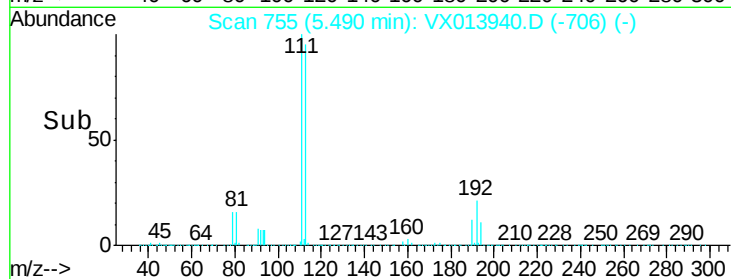
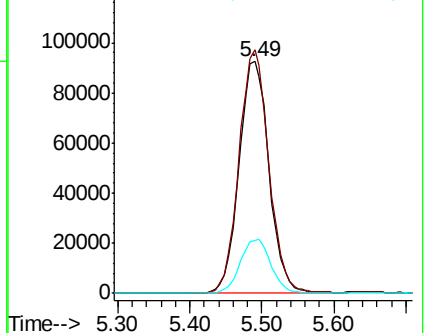
192 23.7 19.2 28.8



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: 18.204 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013940.D

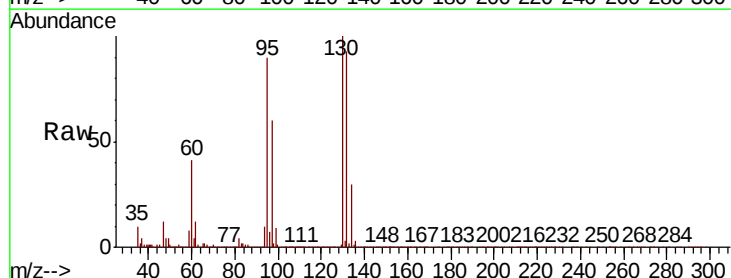
Acq: 11 Dec 2019 13:34

Tgt Ion:130 Resp: 124604

Ion Ratio Lower Upper

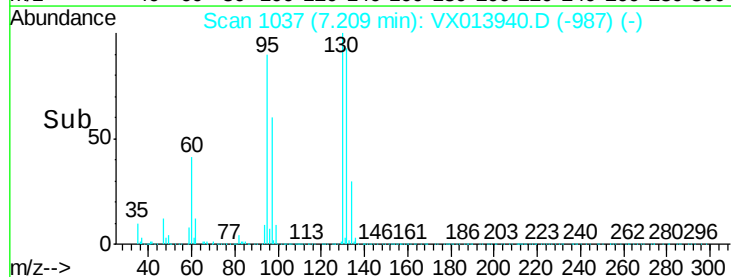
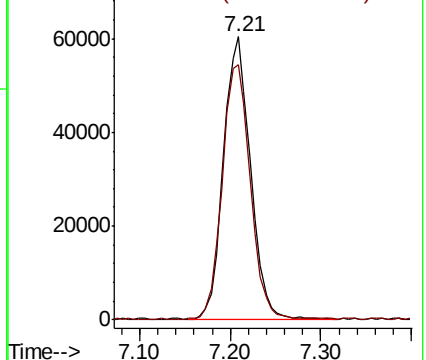
130 100

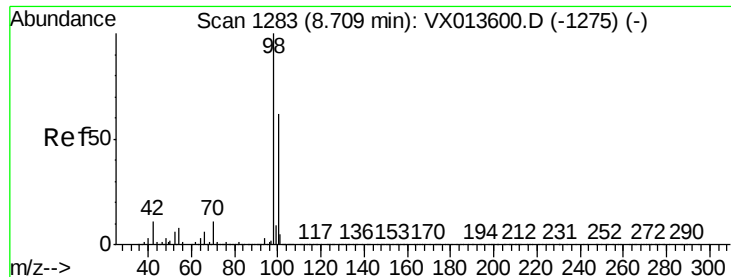
95 90.1 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.380 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013940.D

Acq: 11 Dec 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

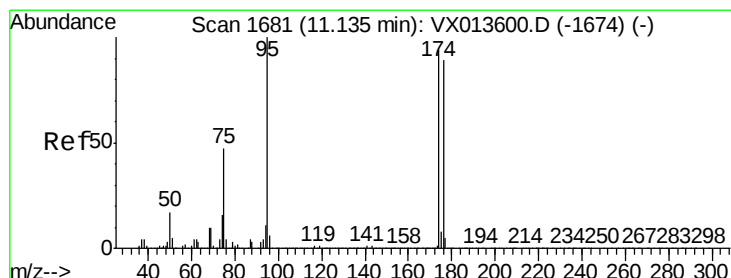
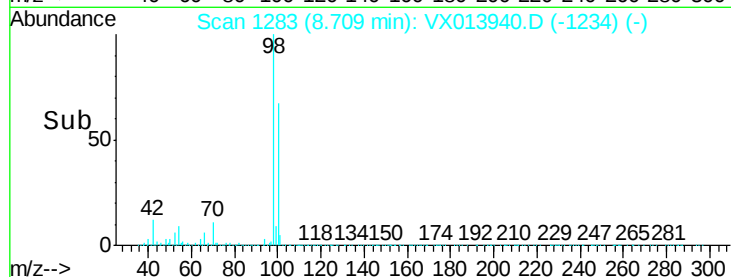
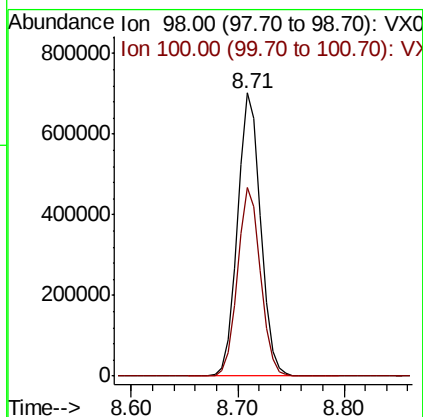
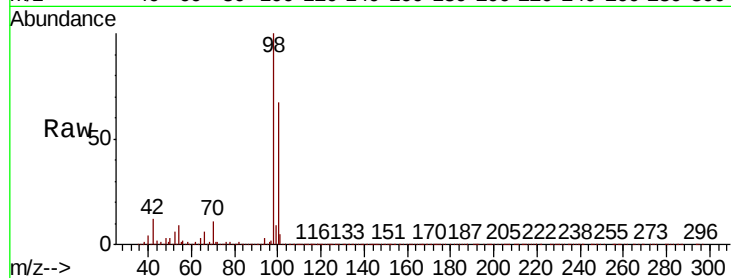
RE134D3-20191204DL

Tot Ion: 98 Resp: 1072935

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.727 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013940.D

Acq: 11 Dec 2019 13:34

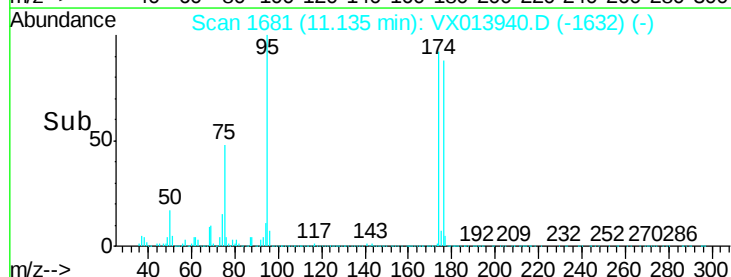
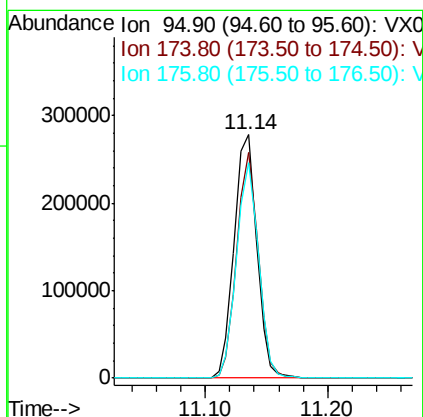
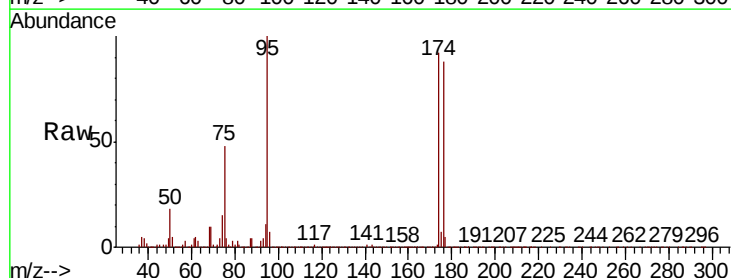
Tgt Ion: 95 Resp: 358282

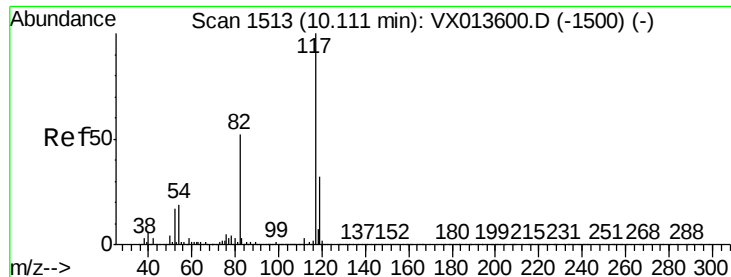
Ion Ratio Lower Upper

95 100

174 87.8 0.0 180.0

176 85.8 0.0 173.6

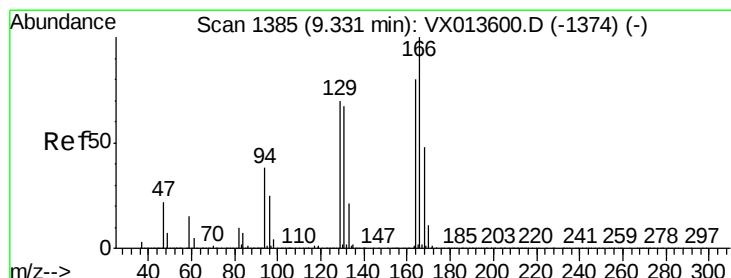
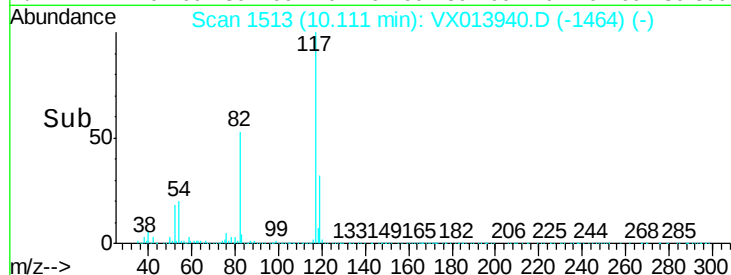
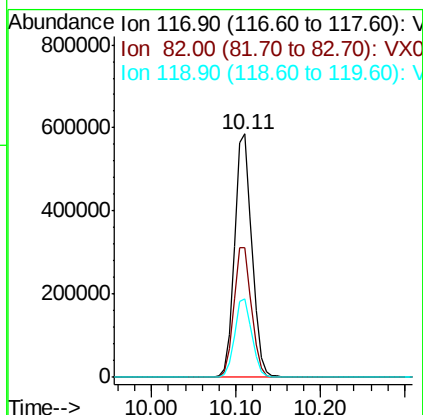
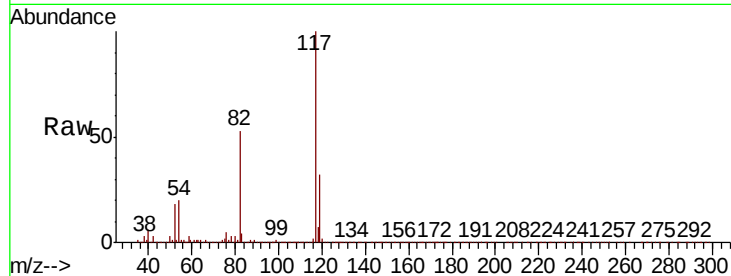




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013940.D
Acq: 11 Dec 2019 13:34

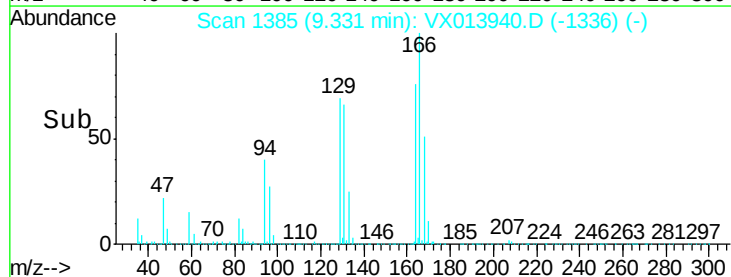
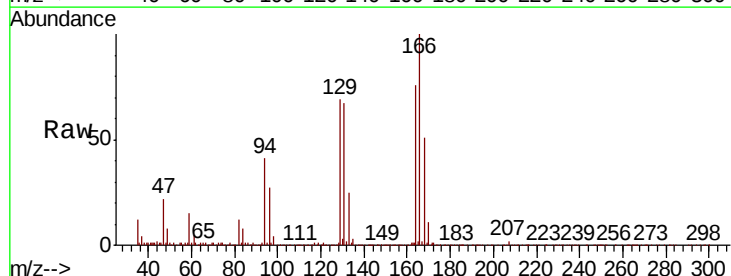
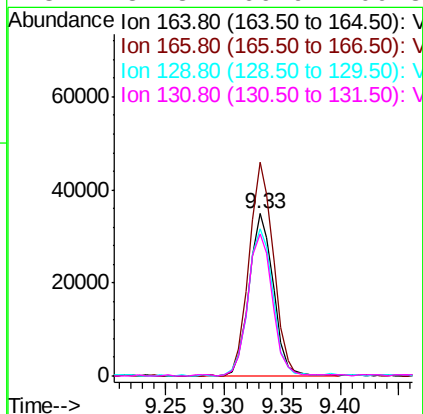
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20191204DL

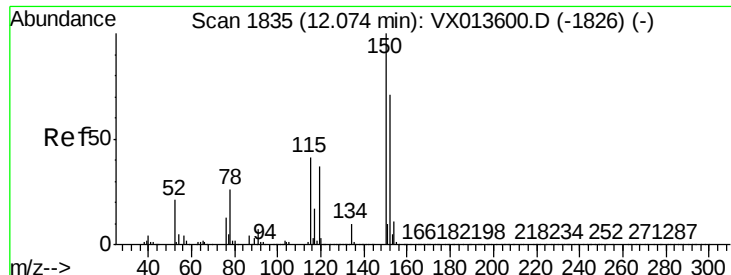
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.8	62.8
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 8.419 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013940.D
Acq: 11 Dec 2019 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	99.7	149.5
129	90.5	70.1	105.1
131	87.3	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: VX013940.D

Acq: 11 Dec 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20191204DL

Tot Ion:152 Resp: 350115

Ion Ratio Lower Upper

152 100

115 56.4 38.4 115.1

150 156.9 0.0 346.8

