

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012470.D
 Acq On : 18 Sep 2019 13:50
 Operator : JC/SP
 Sample : K4858-16DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190910DL

Quant Time: Sep 19 06:56:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	188626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	297724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107703	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	125389	46.38	ug/l	0.00
Spiked Amount						
			Recovery	=	92.76%	
35) Dibromofluoromethane	5.49	113	88101	48.89	ug/l	0.00
Spiked Amount						
			Recovery	=	97.78%	
50) Toluene-d8	8.71	98	341340	51.18	ug/l	0.00
Spiked Amount						
			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	129974	46.93	ug/l	0.00
Spiked Amount						
			Recovery	=	93.86%	

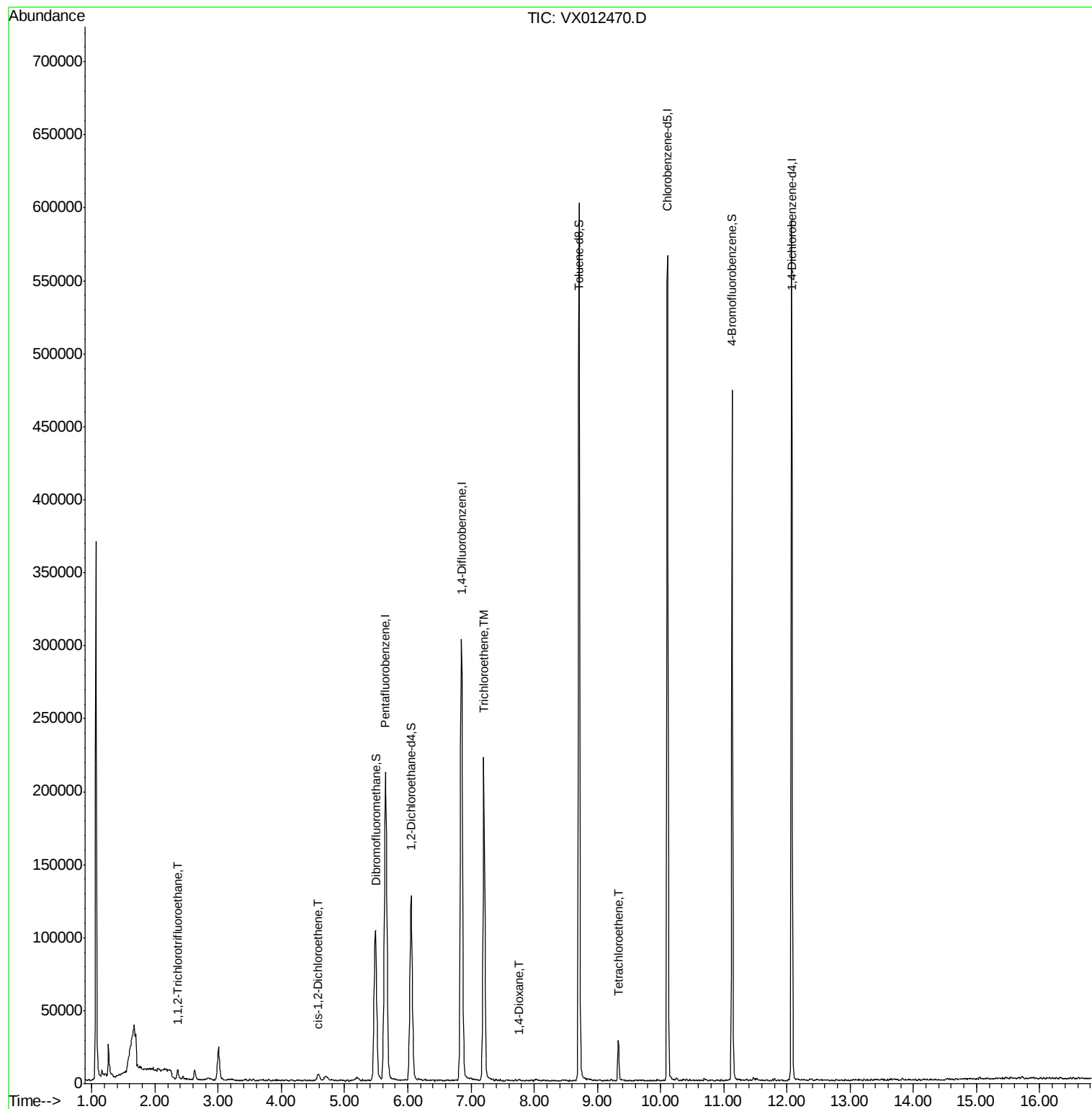
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1998	1.344	ug/l	94
27) cis-1,2-Dichloroethene	4.58	96	2372	1.289	ug/l	94
44) Trichloroethene	7.20	130	81502	53.847	ug/l	88
49) 1,4-Dioxane	7.76	88	477	8.340	ug/l #	69
64) Tetrachloroethene	9.33	164	5042	4.310	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 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: VX012470.D

Acq: 18 Sep 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

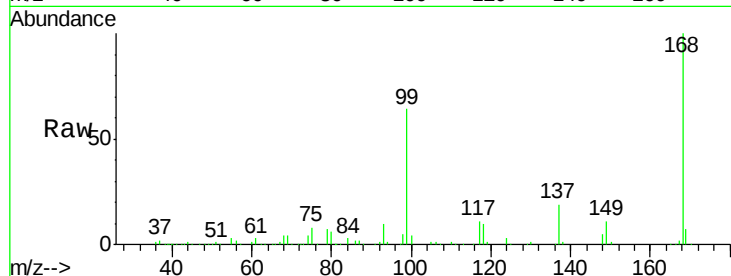
RE131D1-20190910DL

Tot Ion:168 Resp: 188626

Ion Ratio Lower Upper

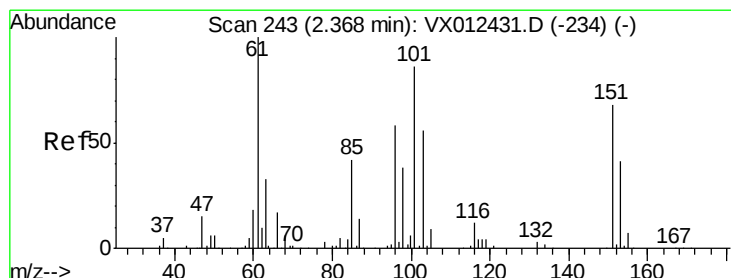
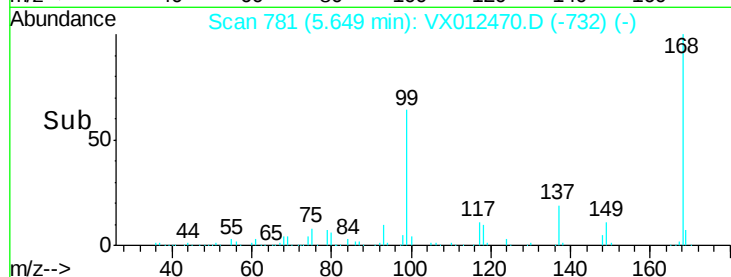
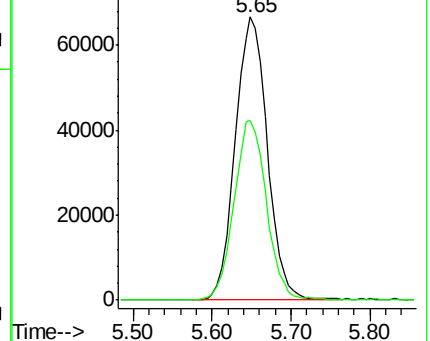
168 100

99 63.6 51.4 77.2



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: 1.344 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012470.D

Acq: 18 Sep 2019 13:50

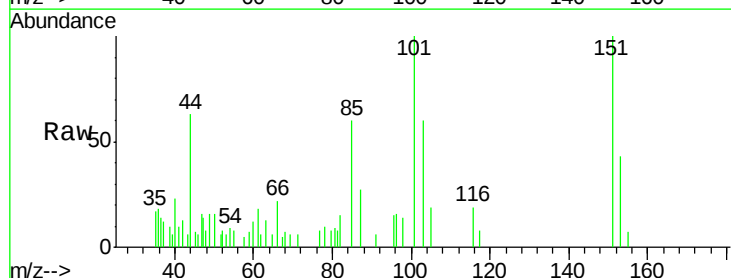
Tgt Ion:101 Resp: 1998

Ion Ratio Lower Upper

101 100

85 52.6 37.3 55.9

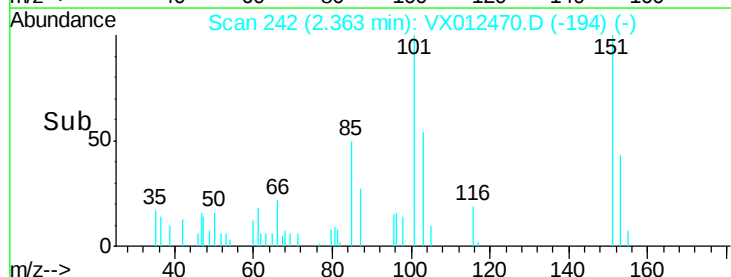
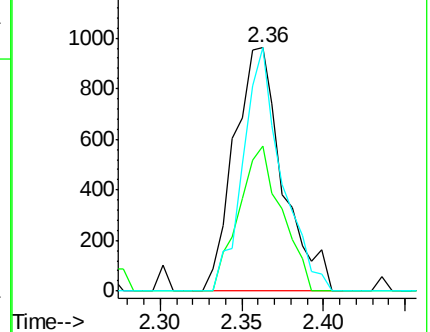
151 79.5 61.0 91.4

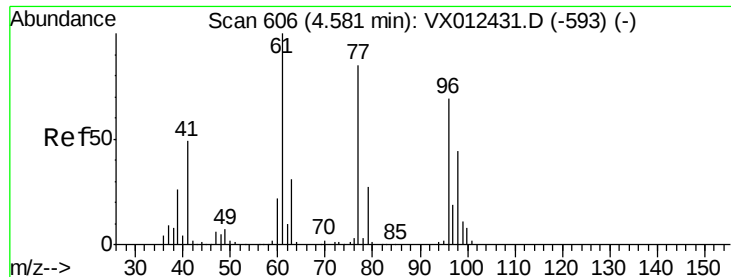


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



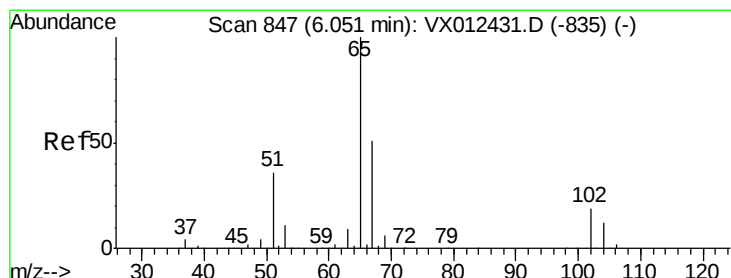
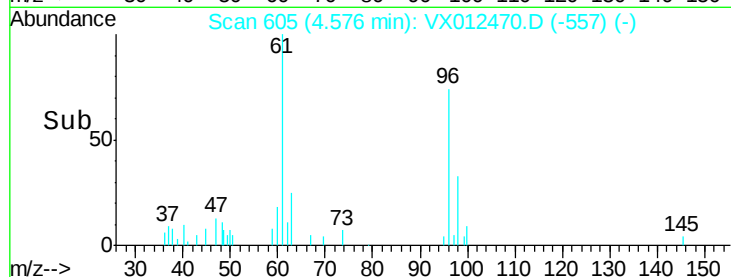
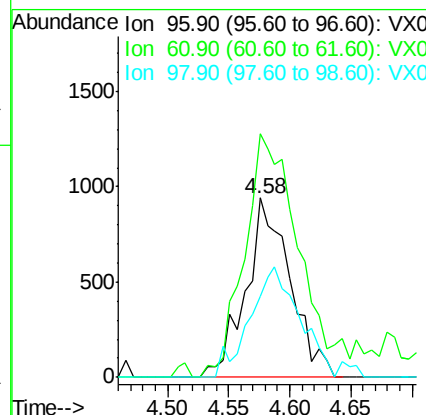
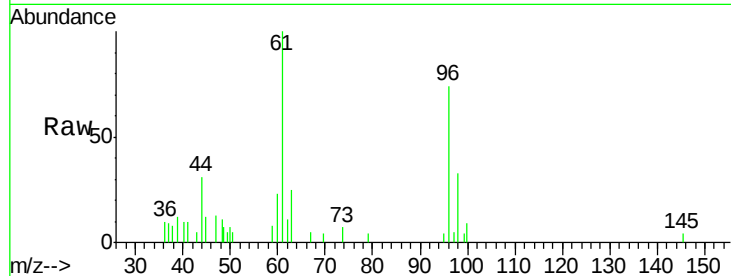


#27

cis-1,2-Dichloroethene
 Concen: 1.289 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012470.D
 Acq: 18 Sep 2019 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190910DL

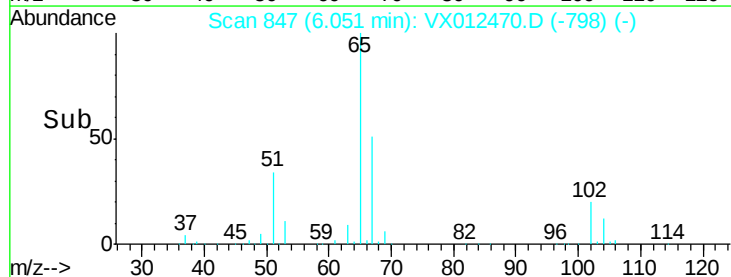
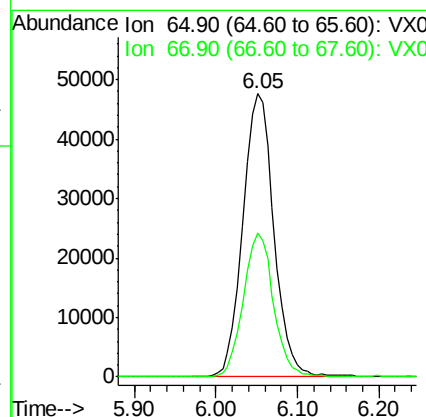
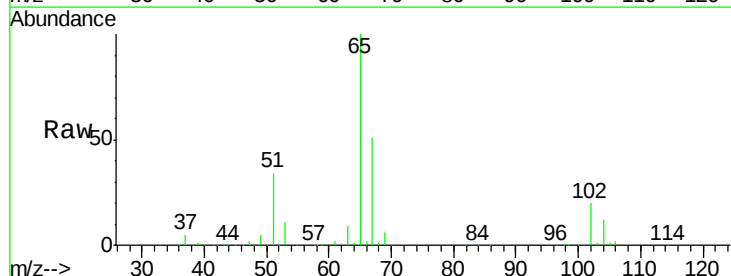
Tot Ion: 96 Resp: 2372
 Ion Ratio Lower Upper
 96 100
 61 167.5 0.0 319.4
 98 69.2 0.0 130.6

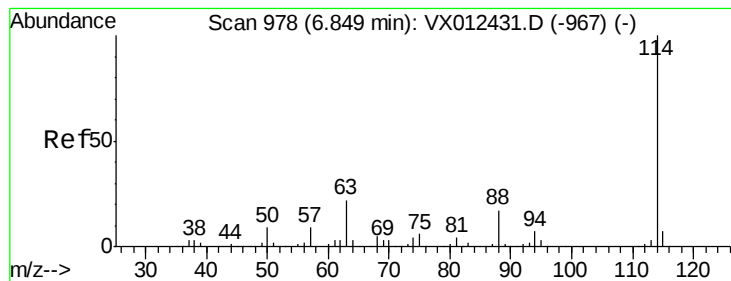


#33

1,2-Dichloroethane-d4
 Concen: 46.382 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012470.D
 Acq: 18 Sep 2019 13:50

Tgt Ion: 65 Resp: 125389
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012470.D

Acq: 18 Sep 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20190910DL

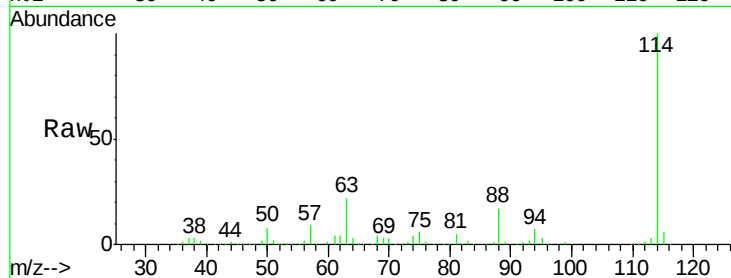
Tot Ion:114 Resp: 297724

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

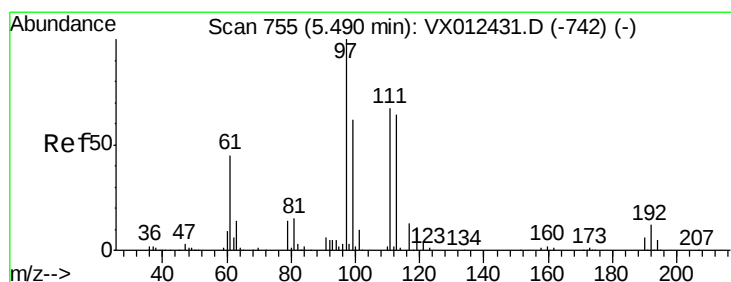
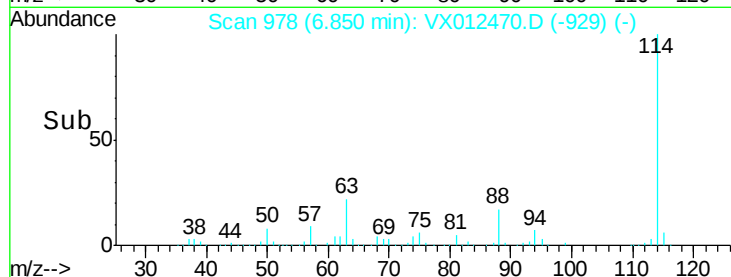
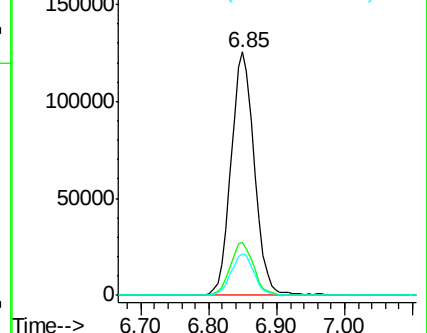
88 17.2 0.0 33.2



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: 48.891 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012470.D

Acq: 18 Sep 2019 13:50

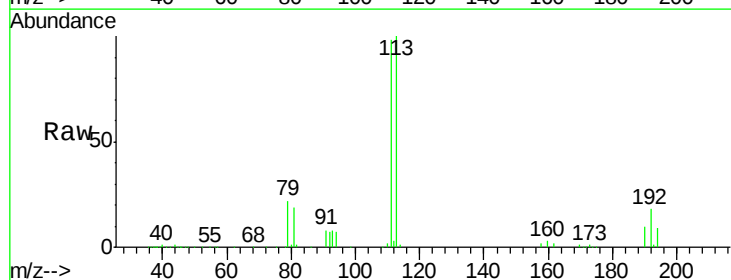
Tgt Ion:113 Resp: 88101

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

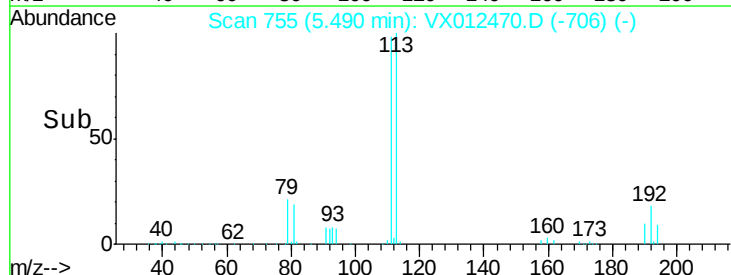
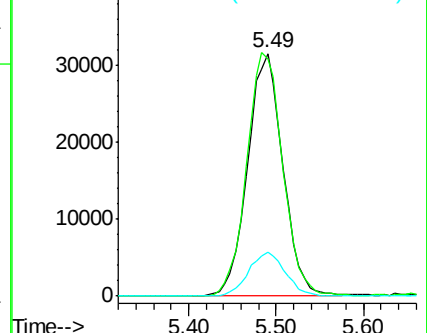
192 18.9 14.4 21.6

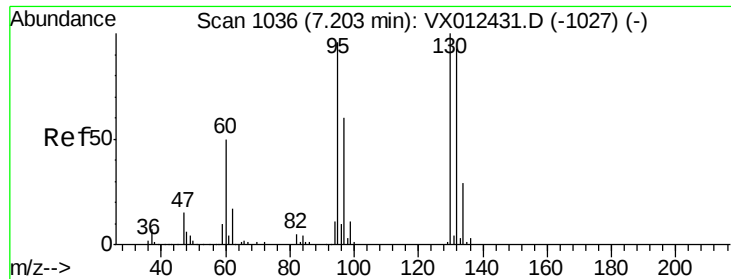


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 53.847 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012470.D

Acq: 18 Sep 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

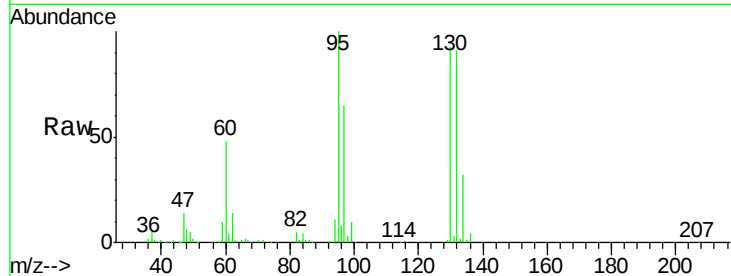
RE131D1-20190910DL

Tot Ion:130 Resp: 81502

Ion Ratio Lower Upper

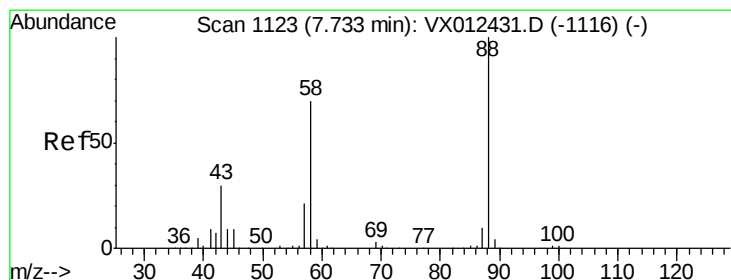
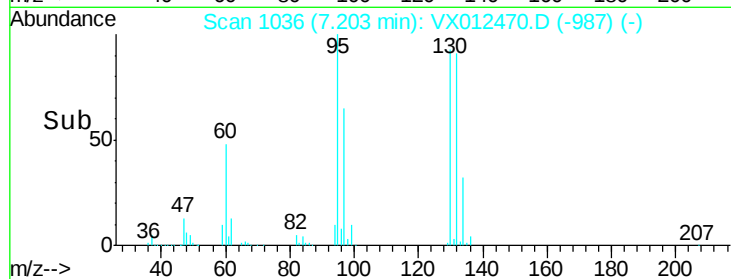
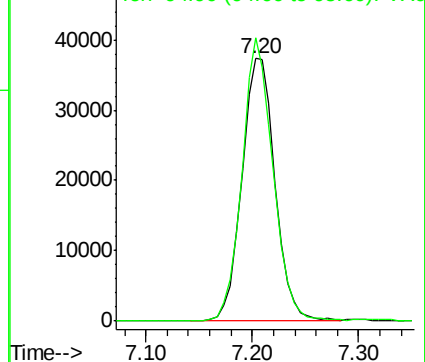
130 100

95 107.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 8.340 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. 0.02 min

Lab File: VX012470.D

Acq: 18 Sep 2019 13:50

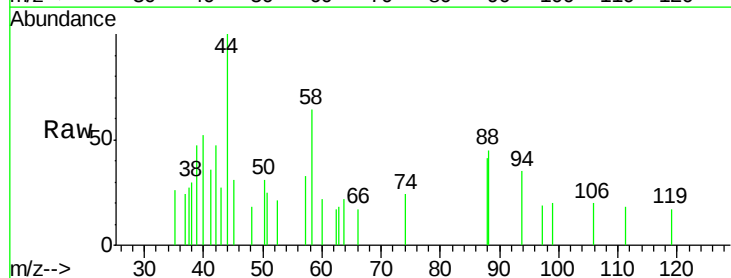
Tgt Ion: 88 Resp: 477

Ion Ratio Lower Upper

88 100

43 17.8 29.4 44.0#

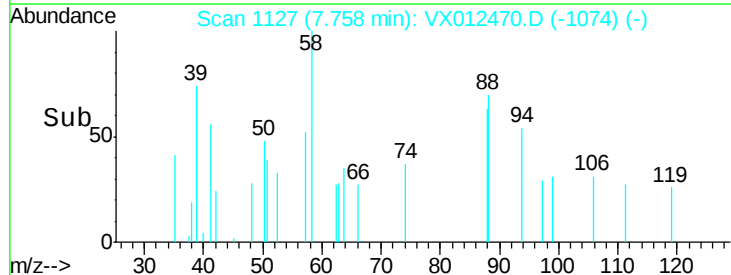
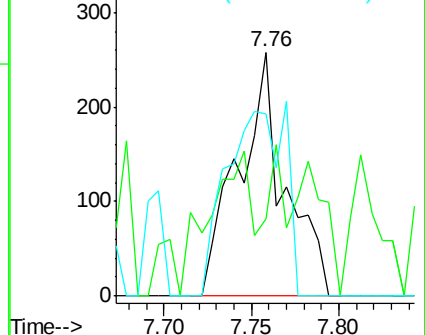
58 96.9 57.5 86.3#

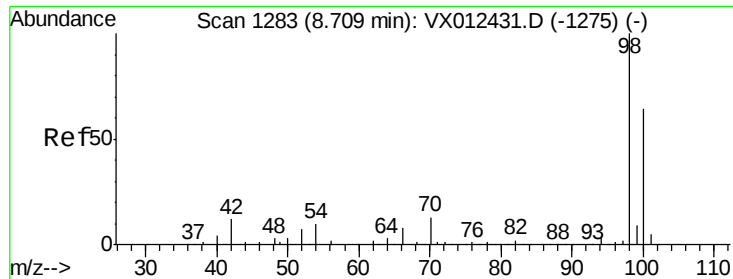


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.175 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012470.D

Acq: 18 Sep 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

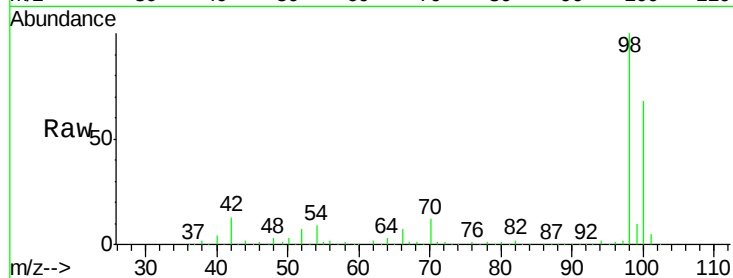
RE131D1-20190910DL

Tot Ion: 98 Resp: 341340

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

150000

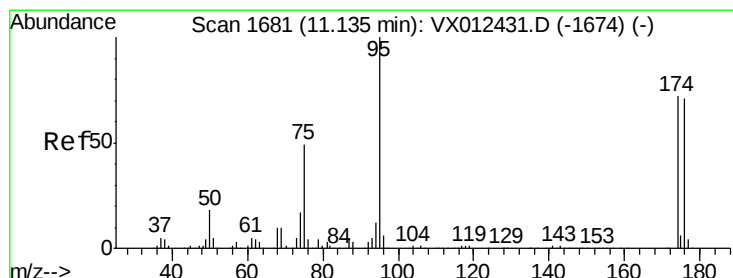
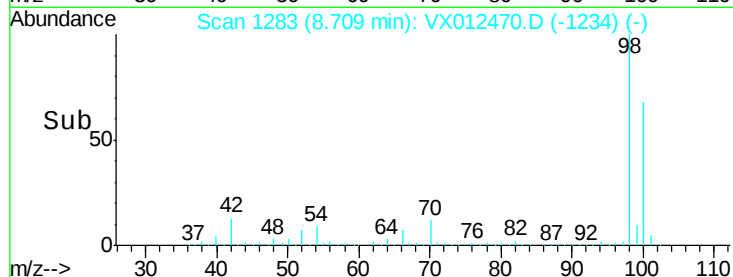
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.932 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012470.D

Acq: 18 Sep 2019 13:50

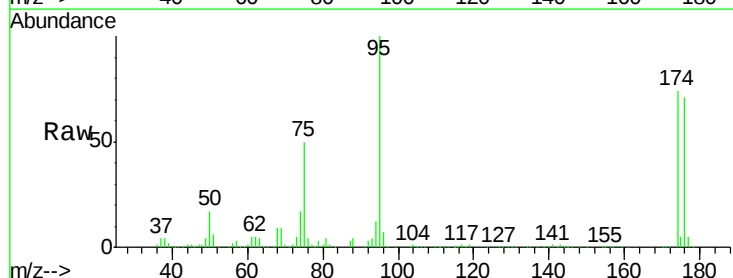
Tgt Ion: 95 Resp: 129974

Ion Ratio Lower Upper

95 100

174 70.7 0.0 140.0

176 68.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

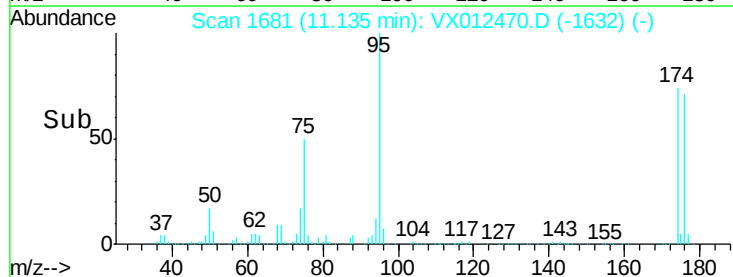
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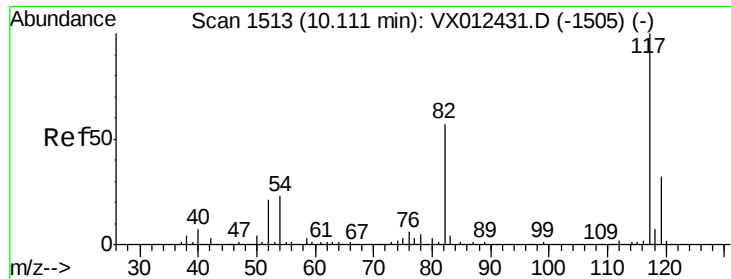
50000

0

Time-->

11.10 11.20

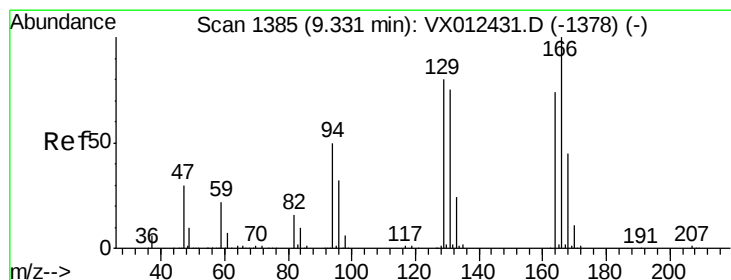
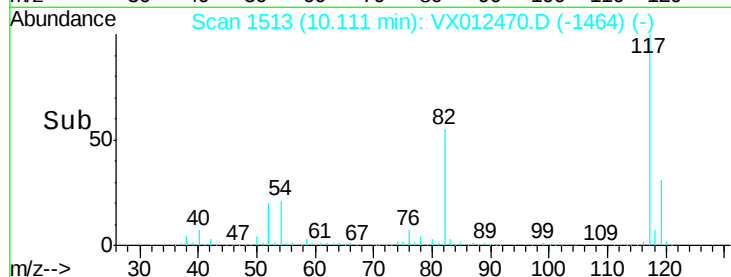
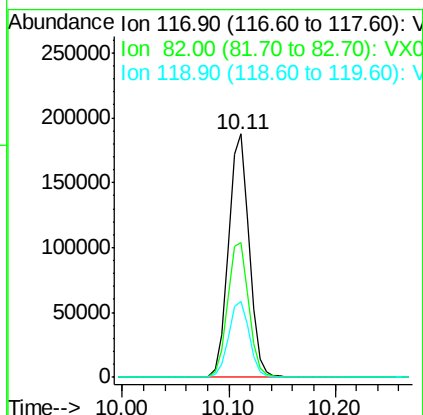
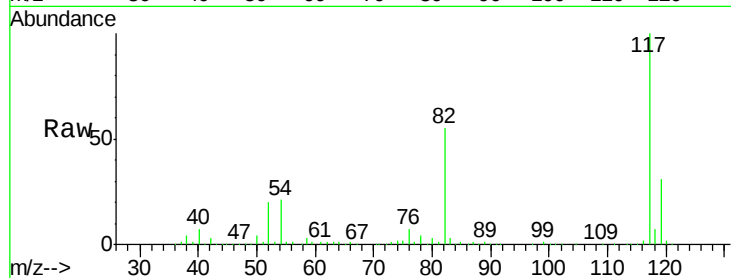




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012470.D
Acq: 18 Sep 2019 13:50

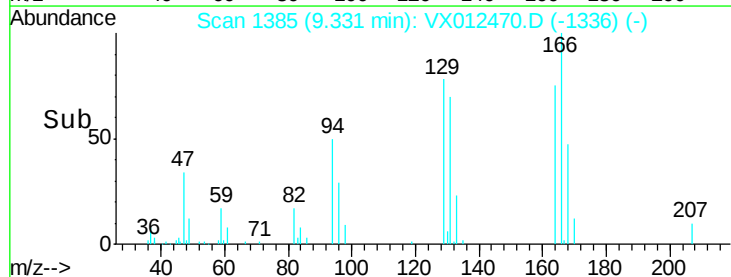
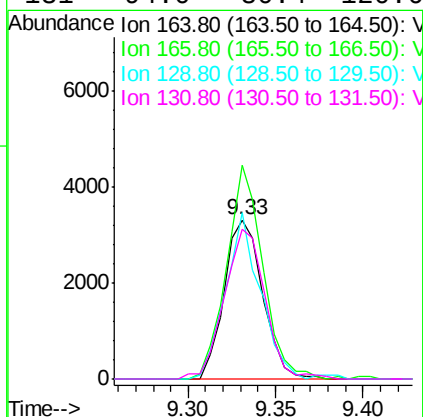
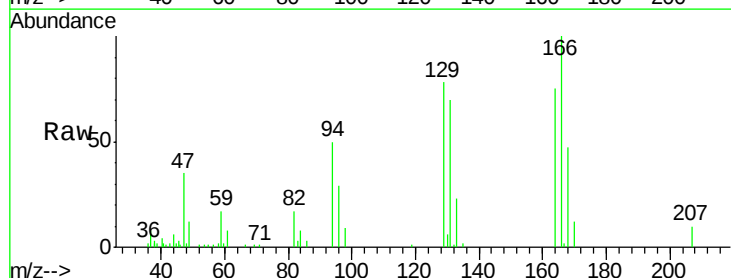
Instrument :
MSVOA_X
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RE131D1-20190910DL

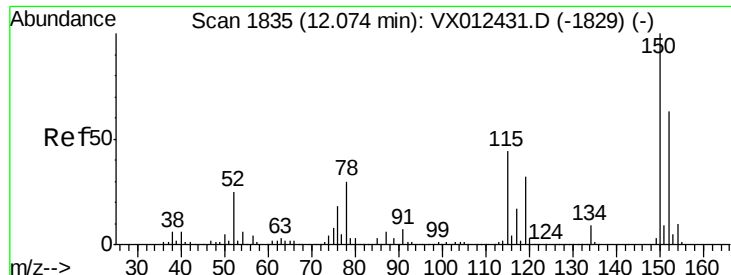
Tot Ion:117 Resp: 255274
Ion Ratio Lower Upper
117 100
82 55.5 45.9 68.9
119 31.1 25.3 37.9



#64
Tetrachloroethene
Concen: 4.310 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012470.D
Acq: 18 Sep 2019 13:50

Tgt Ion:164 Resp: 5042
Ion Ratio Lower Upper
164 100
166 134.1 107.8 161.6
129 104.8 86.2 129.2
131 94.0 80.4 120.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012470.D
 Acq: 18 Sep 2019 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190910DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.4	44.1	132.3
150	160.2	0.0	343.8

