

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022620\
 Data File : VX015022.D
 Acq On : 26 Feb 2020 15:44
 Operator : JC/SP
 Sample : L1683-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INTERCEPTOR-20200225

Quant Time: Feb 27 03:18:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	421050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	666392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	633227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	337966	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	238283	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
35) Dibromofluoromethane	5.49	113	204846	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
50) Toluene-d8	8.71	98	794706	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.14	95	299325	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	

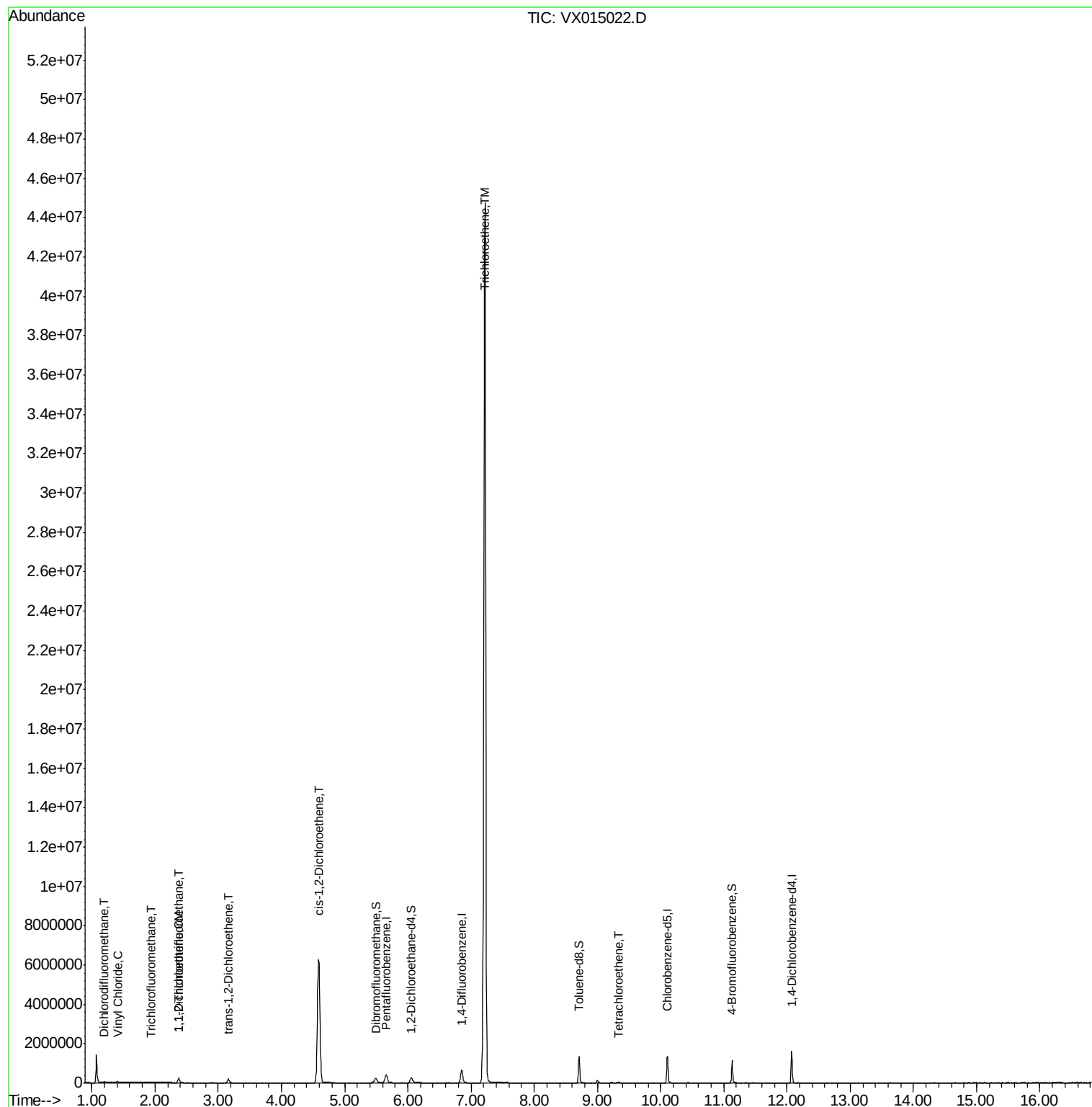
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	30112	7.552	ug/l	90
4) Vinyl Chloride	1.41	62	32281	6.629	ug/l	100
7) Trichlorofluoromethane	1.93	101	2307	0.339	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	37612	9.523	ug/l	98
12) 1,1-Dichloroethene	2.37	96	73485	19.041	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	86374	20.283	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	4013449	843.114	ug/l	88
44) Trichloroethene	7.22	130	18040179	3489.123	ug/l	95
64) Tetrachloroethene	9.33	164	6788	1.147	ug/l	95

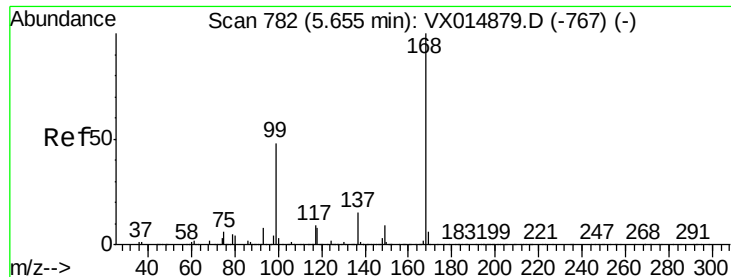
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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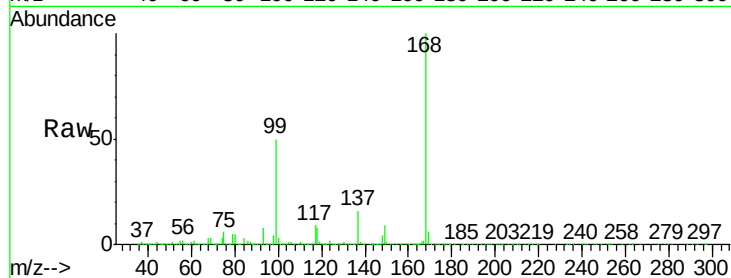


#1

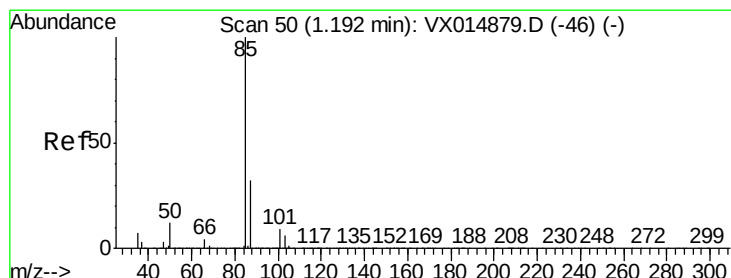
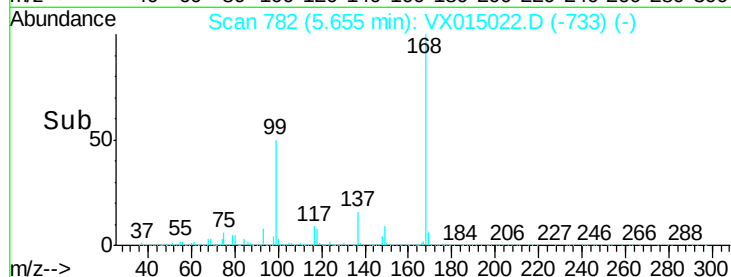
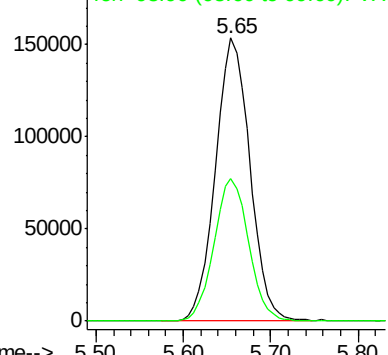
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-20200225

Tot Ion:168 Resp: 421050
Ion Ratio Lower Upper
168 100
99 50.3 38.7 58.1



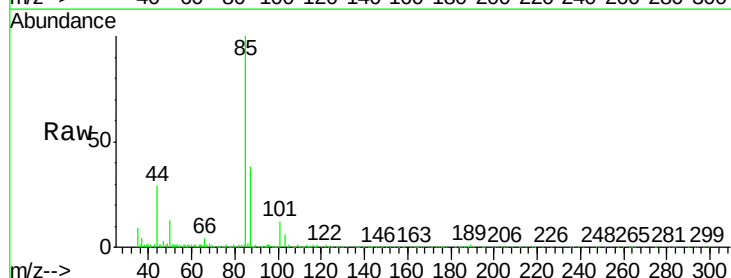
Abundance Ion 167.90 (167.60 to 168.60): V



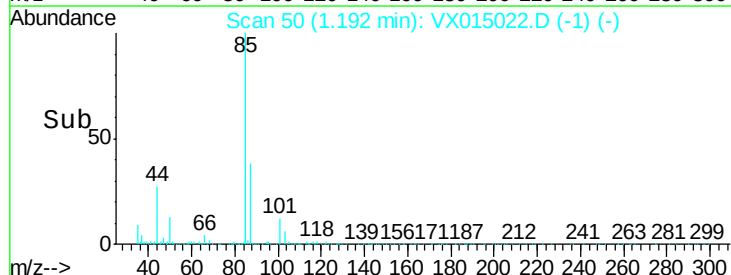
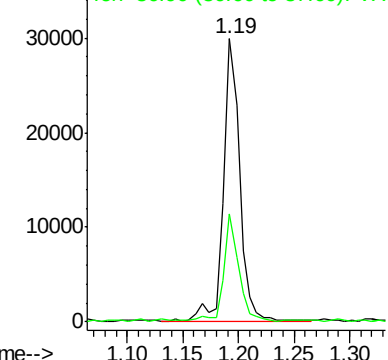
#2

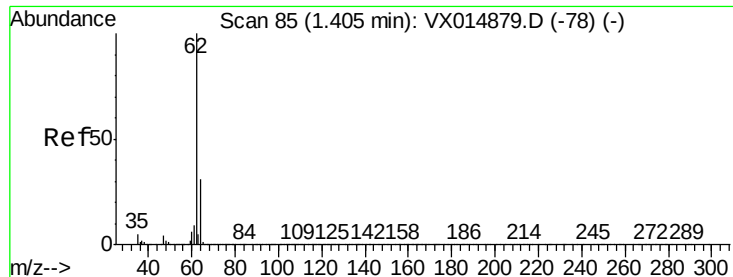
Dichlorodifluoromethane
Concen: 7.552 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 85 Resp: 30112
Ion Ratio Lower Upper
85 100
87 37.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0





#4

Vinyl Chloride

Concen: 6.629 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX015022.D

Acq: 26 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

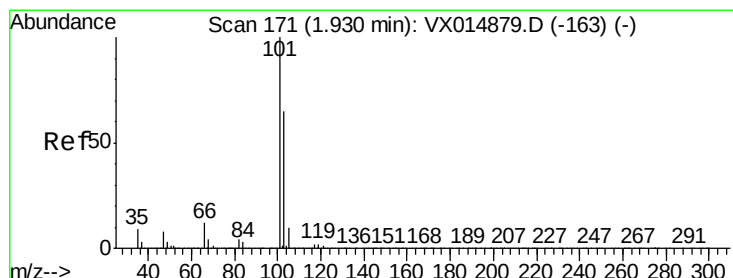
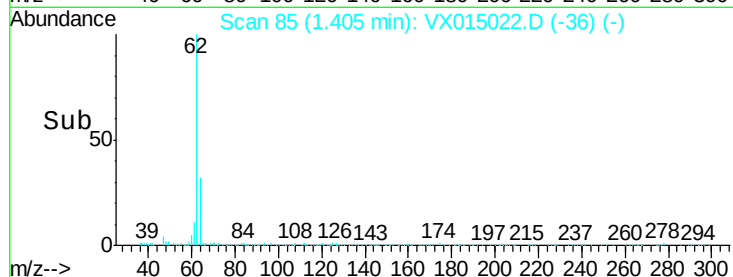
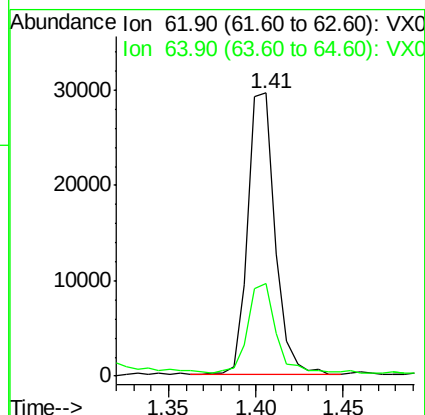
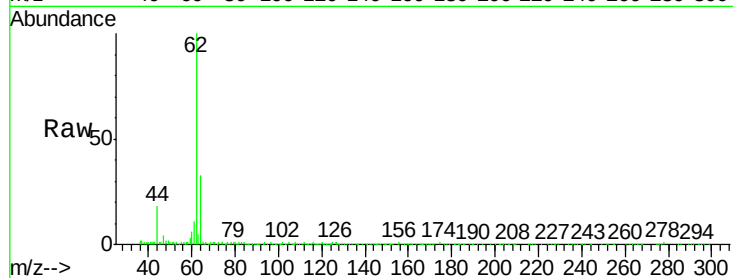
INTERCEPTOR-20200225

Tot Ion: 62 Resp: 32281

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2



#7

Trichlorofluoromethane

Concen: 0.339 ug/l

RT: 1.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VX015022.D

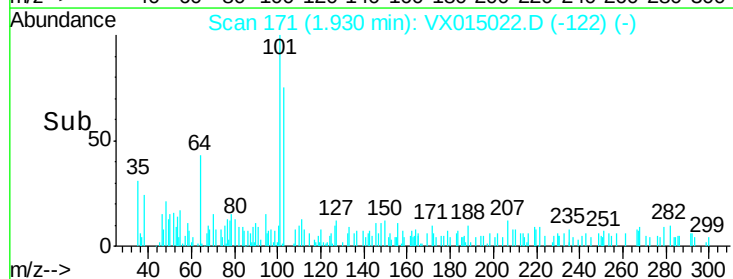
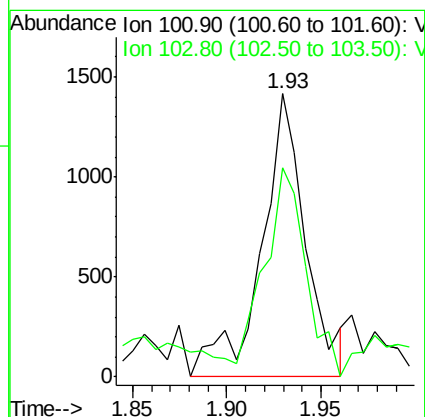
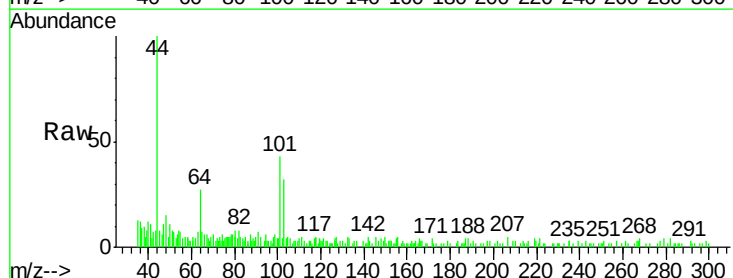
Acq: 26 Feb 2020 15:44

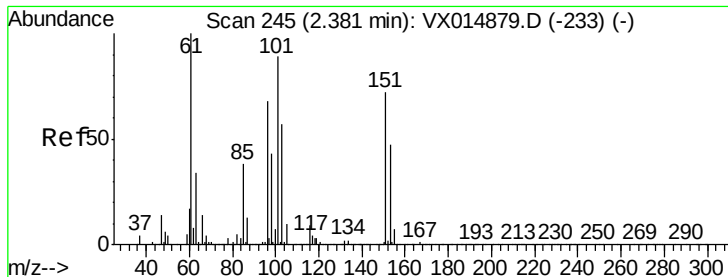
Tgt Ion: 101 Resp: 2307

Ion Ratio Lower Upper

101 100

103 74.1 52.2 78.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.523 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015022.D

Acq: 26 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

INTERCEPTOR-20200225

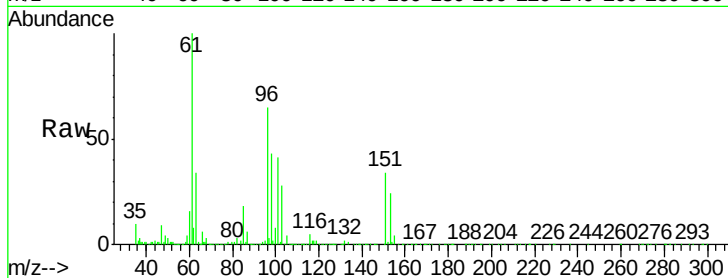
Tot Ion:101 Resp: 37612

Ion Ratio Lower Upper

101 100

85 45.1 34.1 51.1

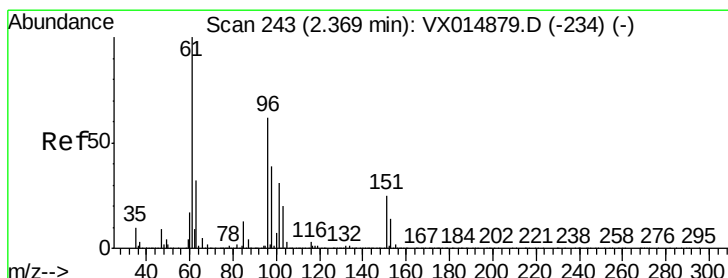
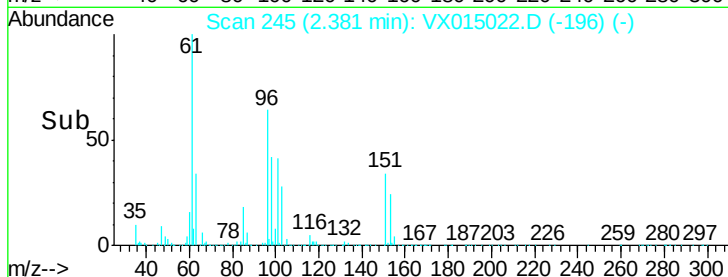
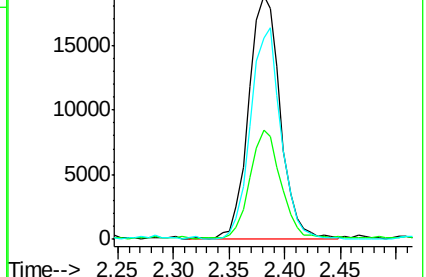
151 83.4 67.3 100.9



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



#12

1,1-Dichloroethene

Concen: 19.041 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015022.D

Acq: 26 Feb 2020 15:44

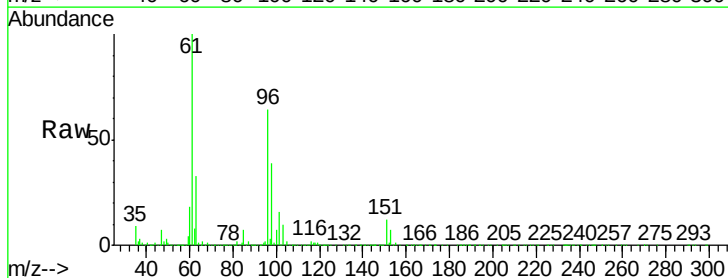
Tgt Ion: 96 Resp: 73485

Ion Ratio Lower Upper

96 100

61 156.7 129.5 194.3

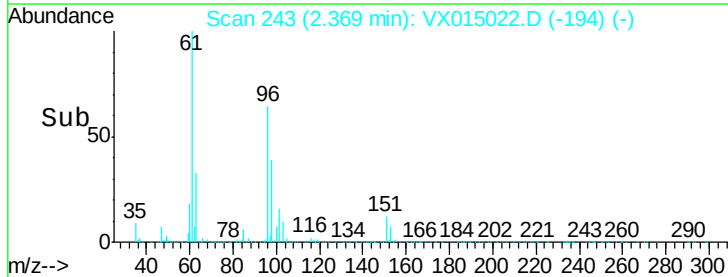
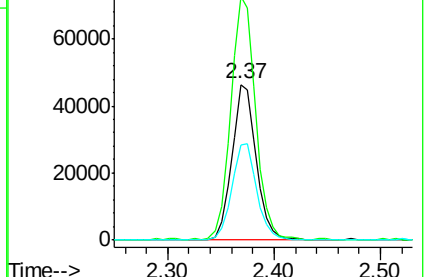
98 61.2 50.6 76.0

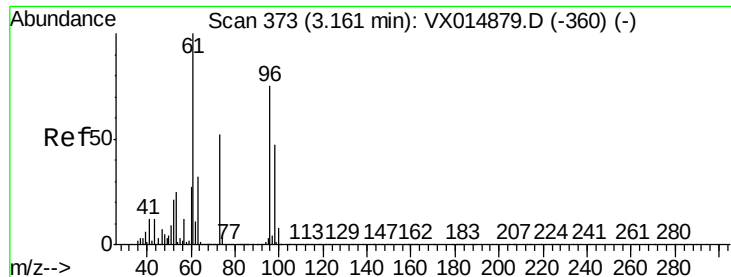


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 20.283 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015022.D

Acq: 26 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

INTERCEPTOR-20200225

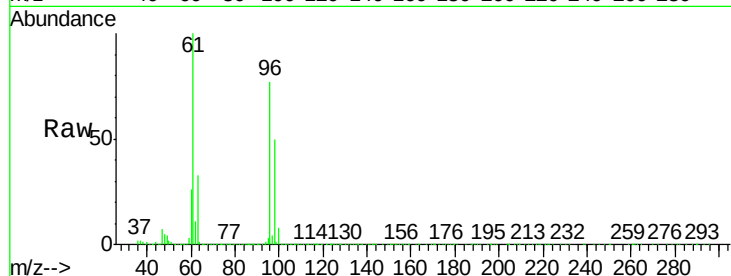
Tot Ion: 96 Resp: 86374

Ion Ratio Lower Upper

96 100

61 128.6 106.9 160.3

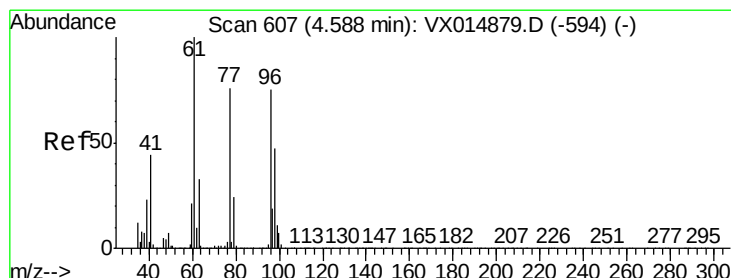
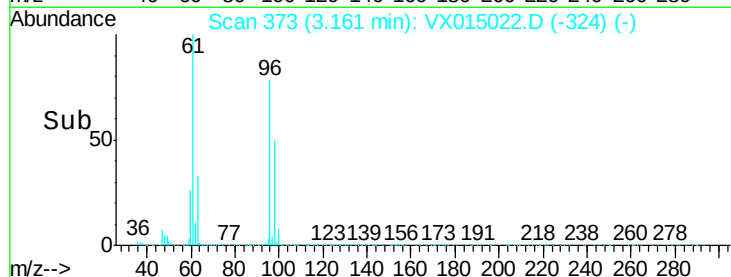
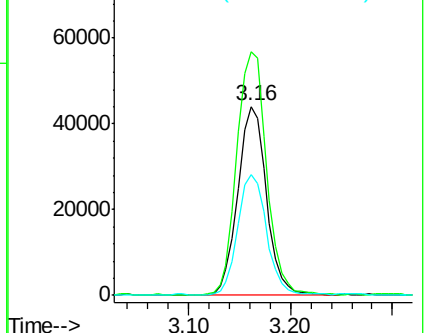
98 64.0 50.7 76.1



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



#27

cis-1,2-Dichloroethene

Concen: 843.114 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015022.D

Acq: 26 Feb 2020 15:44

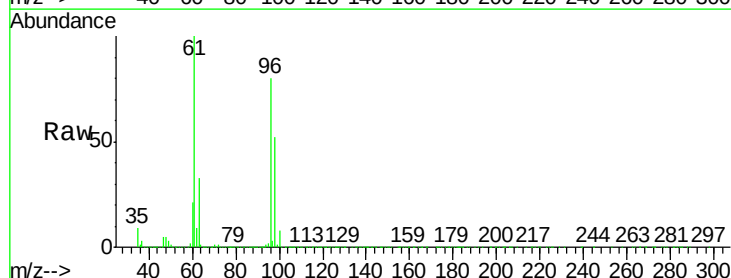
Tgt Ion: 96 Resp: 4013449

Ion Ratio Lower Upper

96 100

61 123.0 0.0 286.2

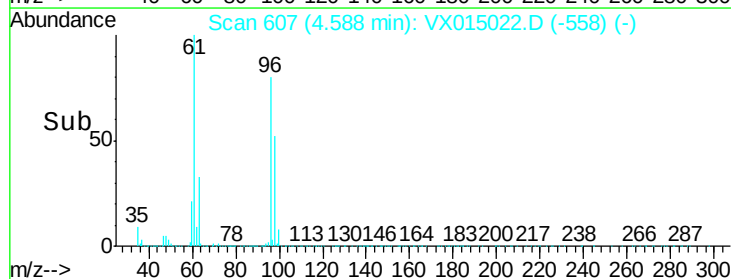
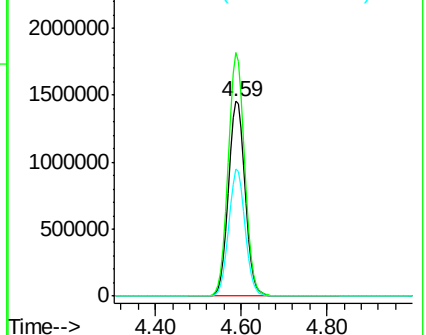
98 64.3 0.0 131.0

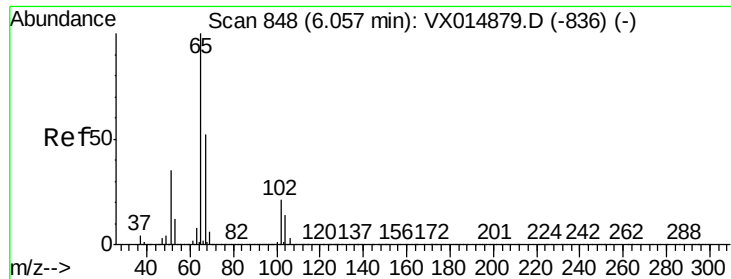


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

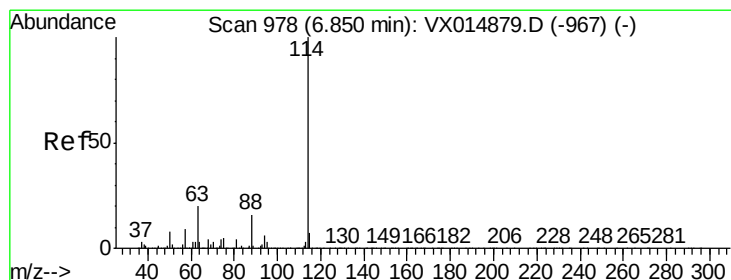
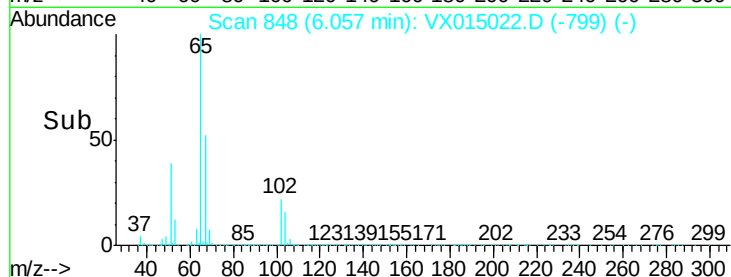
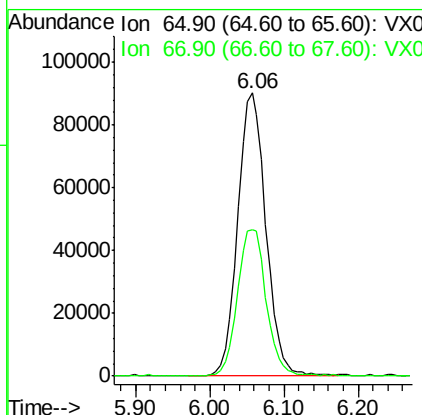
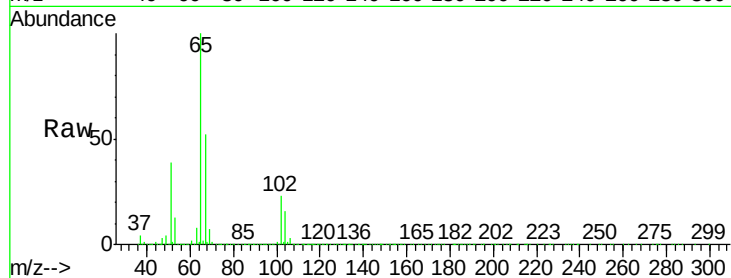




#33
 1,2-Dichloroethane-d4
 Concen: 50.145 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX015022.D
 Acq: 26 Feb 2020 15:44

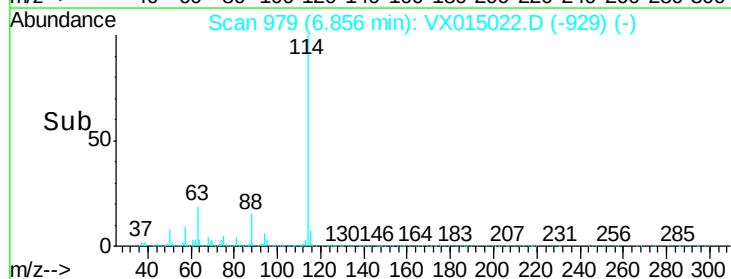
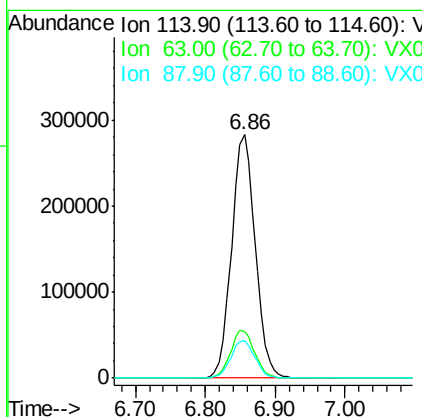
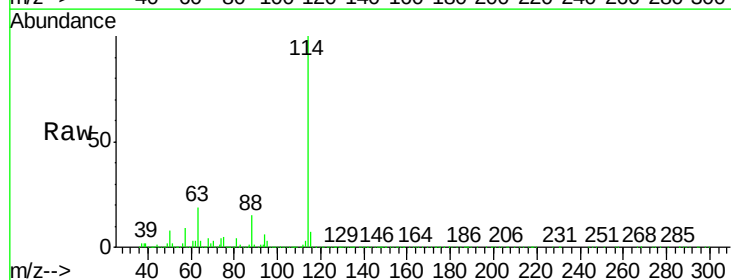
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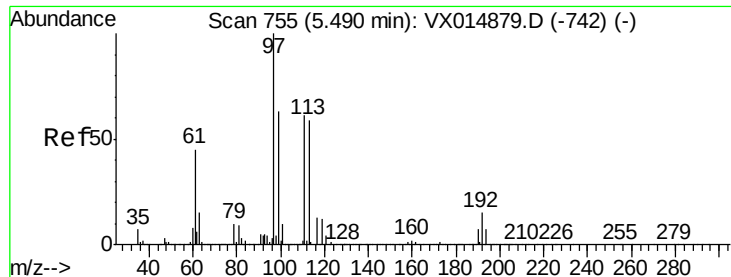
Tot Ion: 65 Resp: 238283
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: VX015022.D
 Acq: 26 Feb 2020 15:44

Tgt Ion: 114 Resp: 666392
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.3 0.0 32.0

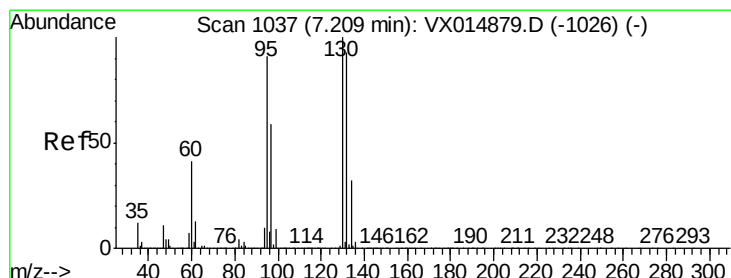
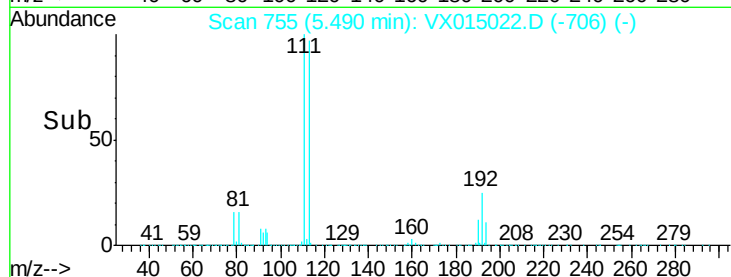
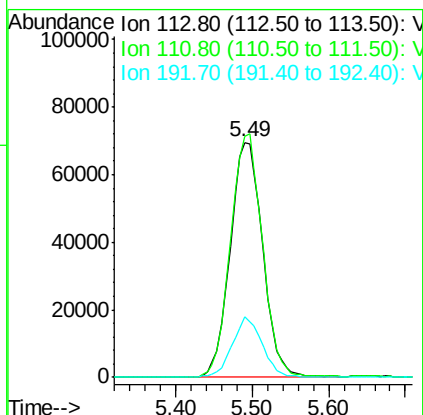
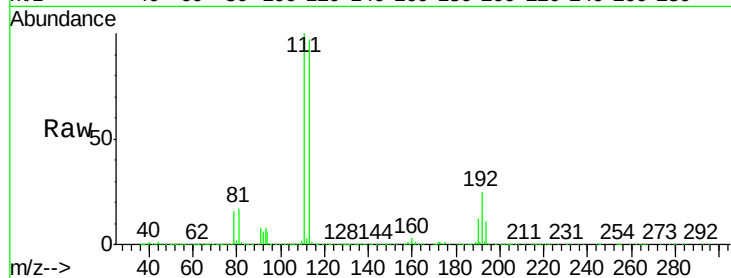




#35
Dibromofluoromethane
Concen: 50.001 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

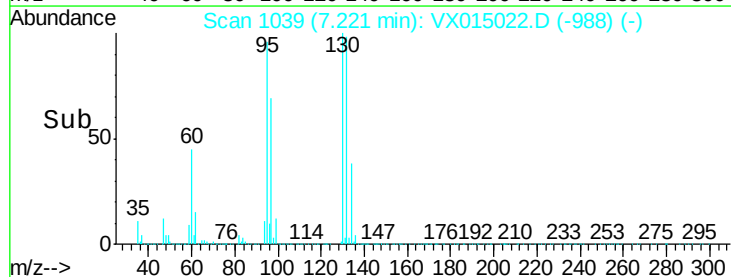
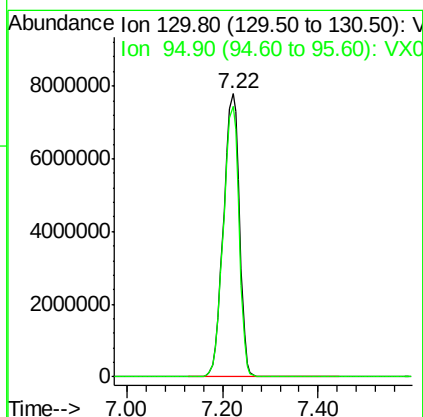
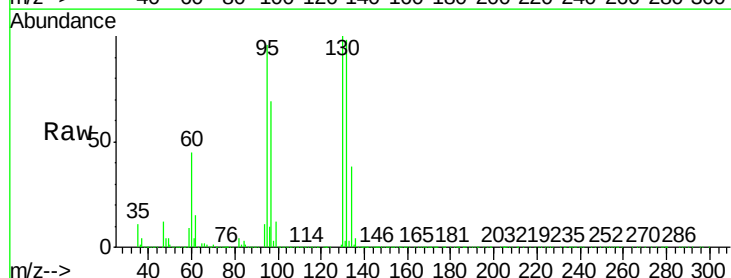
Instrument :
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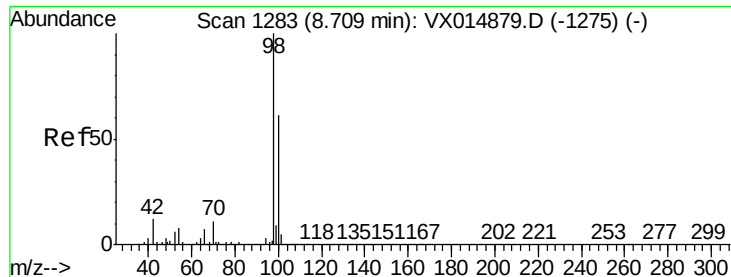
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	23.8	19.1	28.7



#44
Trichloroethene
Concen: 3489.123 ug/l
RT: 7.22 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	182.6

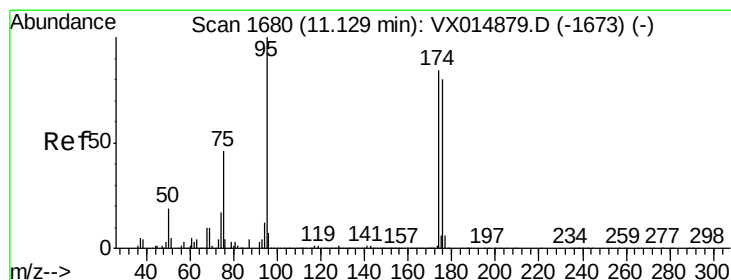
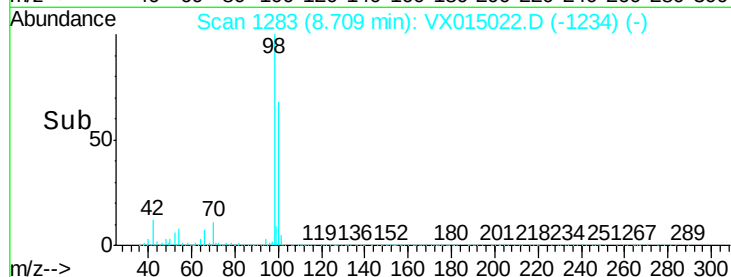
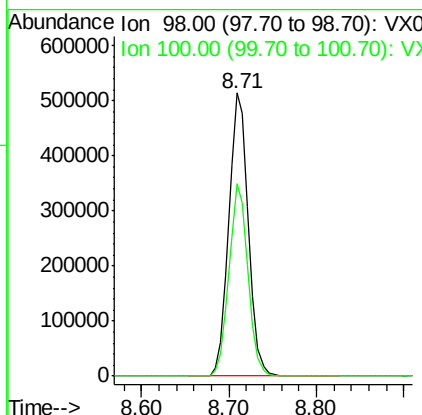
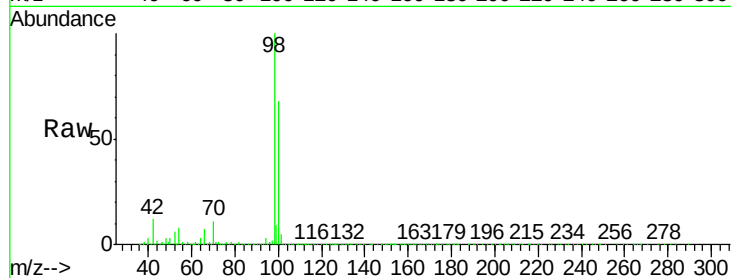




#50
Toluene-d8
Concen: 50.819 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

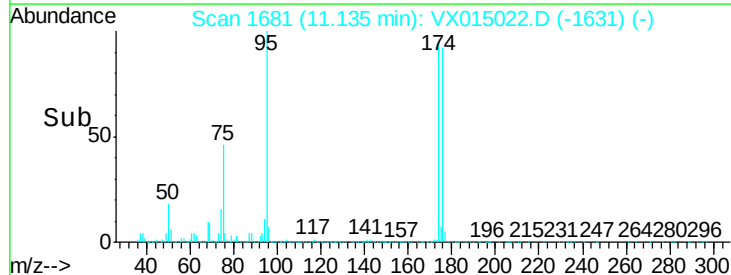
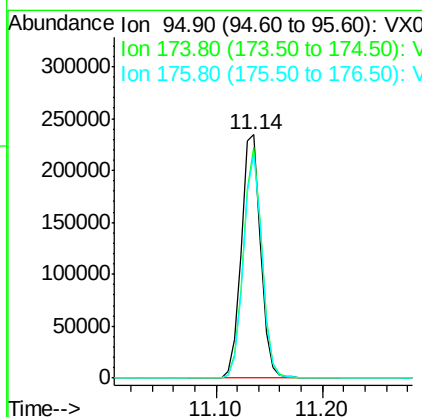
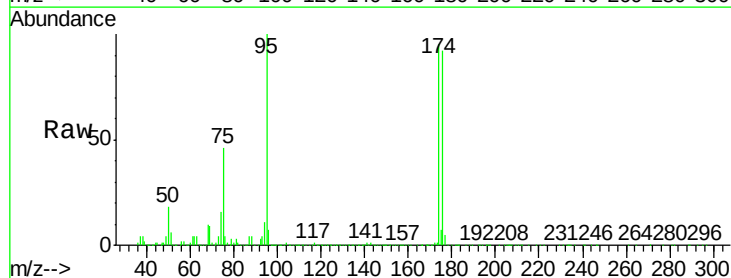
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-20200225

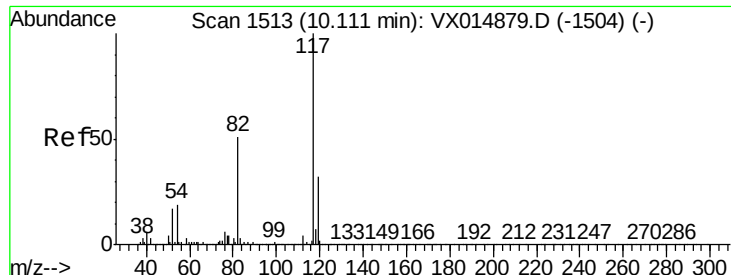
Tot Ion: 98 Resp: 794706
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.135 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 95 Resp: 299325
Ion Ratio Lower Upper
95 100
174 90.9 0.0 183.0
176 88.5 0.0 178.0

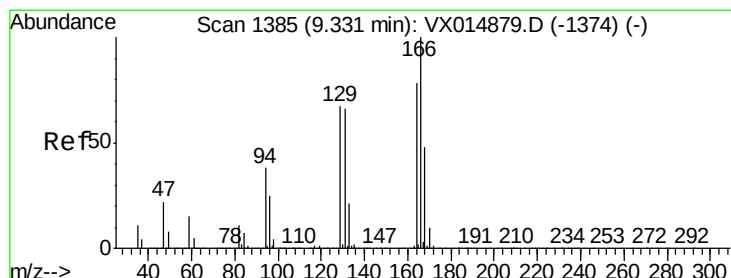
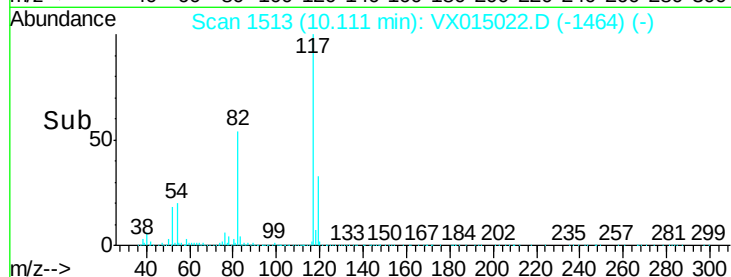
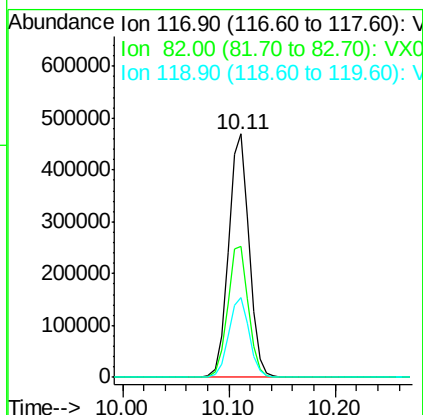
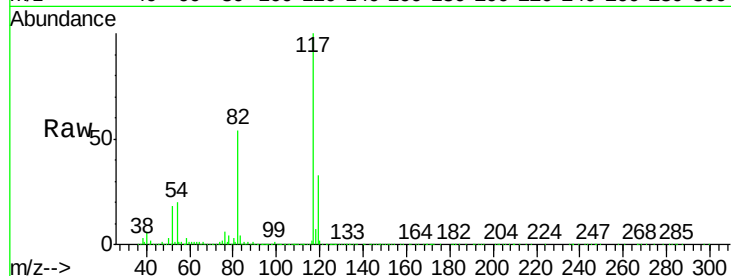




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

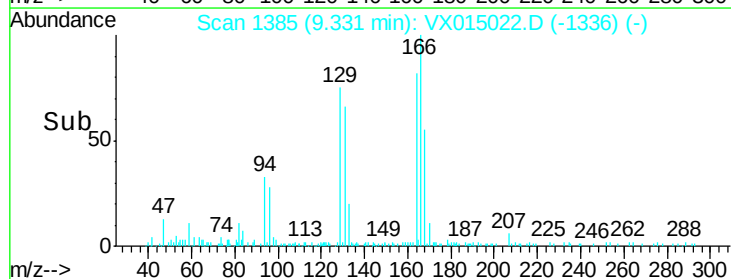
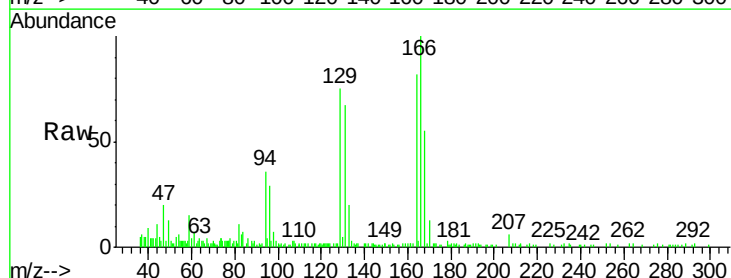
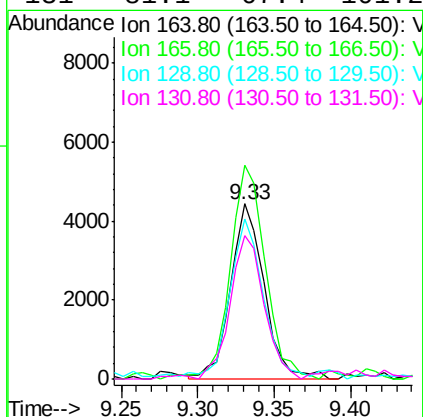
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-20200225

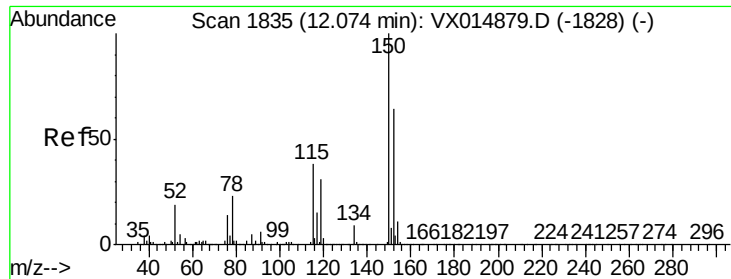
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	40.5	60.7
119	32.6	25.8	38.6



#64
Tetrachloroethene
Concen: 1.147 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.0	102.6	153.8
129	88.3	68.3	102.5
131	81.1	67.4	101.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015022.D

Acq: 26 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

INTERCEPTOR-20200225

Tot Ion:152 Resp: 337966

Ion Ratio Lower Upper

152 100

115 54.0 38.6 116.0

150 155.2 0.0 349.0

