

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
 Data File : VX014866.D
 Acq On : 07 Feb 2020 13:18
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Manual Integrations
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 2/10/2020 10:49:26 AM

Quant Time: Feb 07 22:35:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	81685	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	461974	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	406609	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.04	65	177612	30.93	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	103.10%		
60) 4-Bromofluorobenzene	11.13	95	187618	28.84	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	96.13%		
63) Toluene-d8	8.71	98	534941	29.13	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	97.10%		
Target Compounds						
85) n-Butylbenzene	12.39	91	5261	0.297	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	6544m	0.925	ug/l	
90) Hexachlorobutadiene	13.78	225	2651	0.750	ug/l	93
91) Naphthalene	13.83	128	13799	0.646	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	6967	0.967	ug/l	96

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

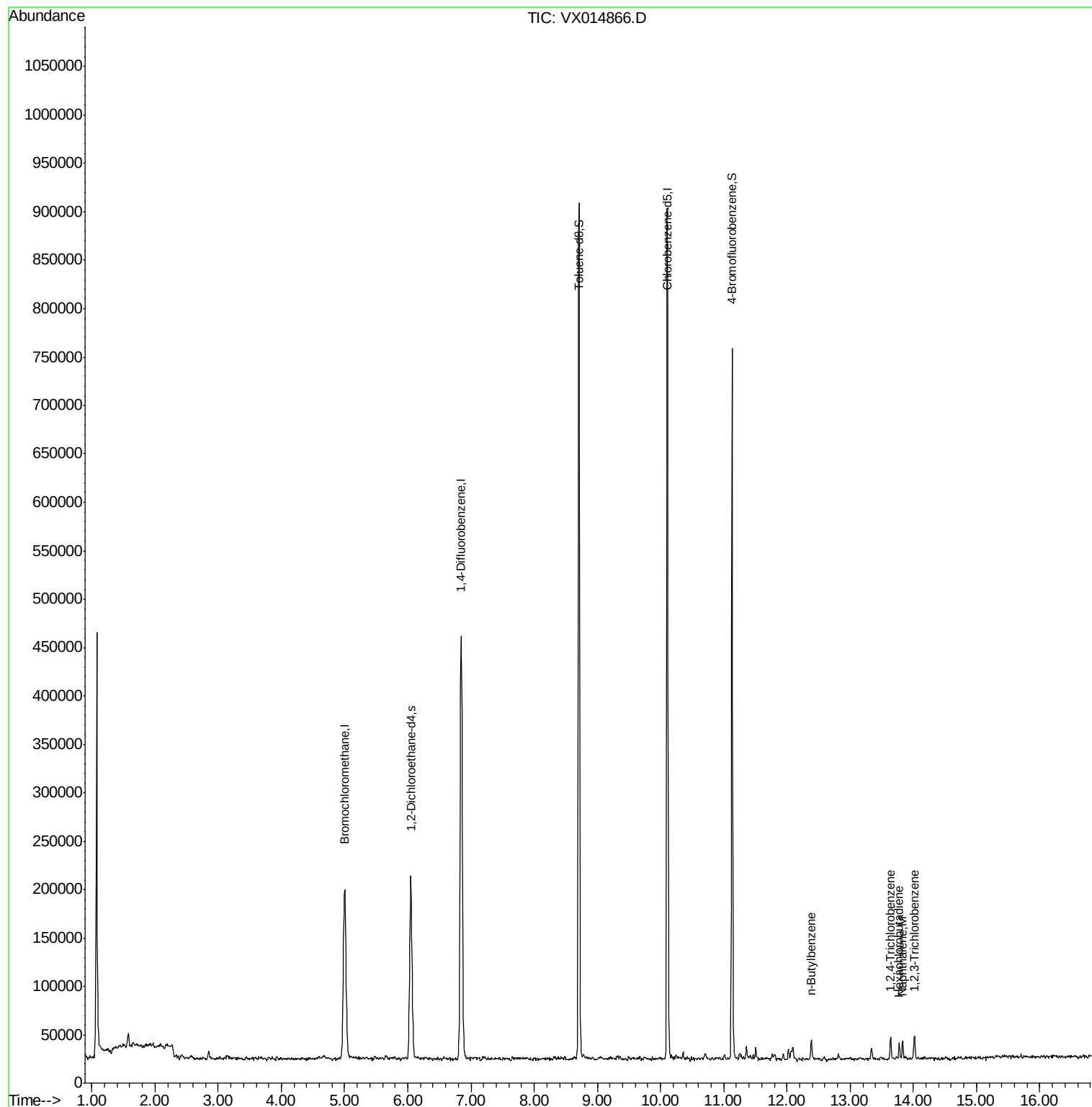
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020720\
Data File : VX014866.D
Acq On : 07 Feb 2020 13:18
Operator : JC/SP
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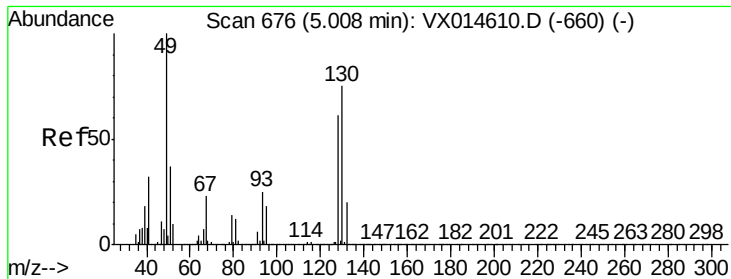
Instrument :
MSVOA_X
ClientSampleId :
IBLK

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1

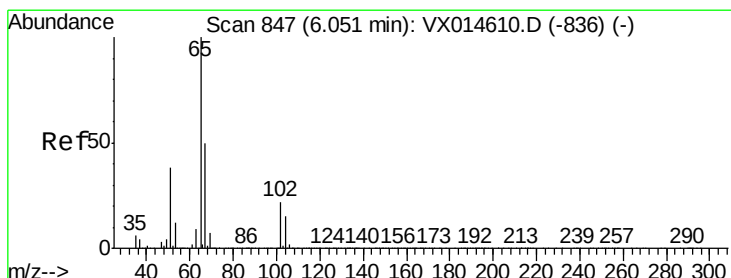
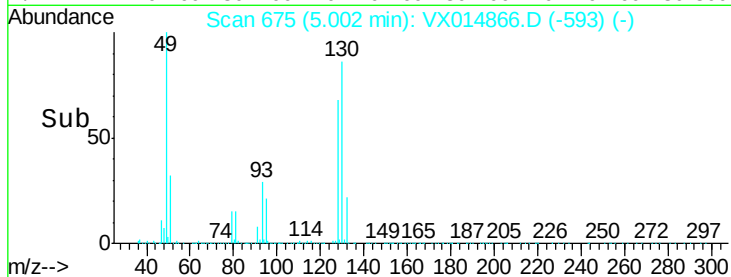
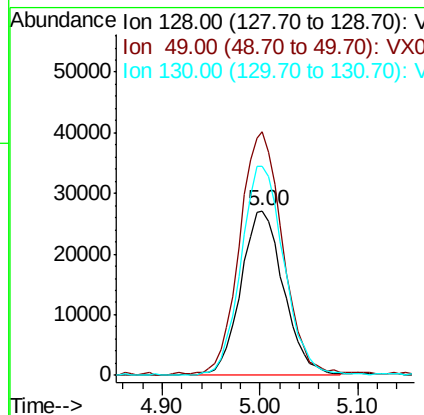
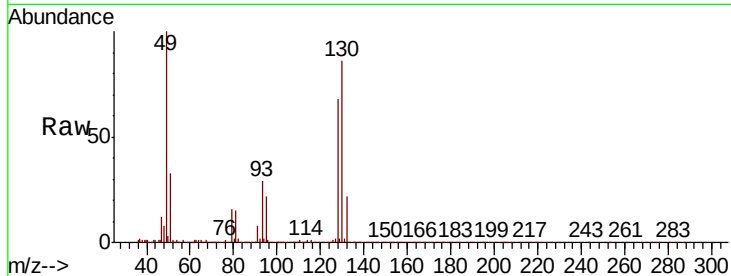
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014866.D
 Acq: 07 Feb 2020 13:18

Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

Tot Ion	Ratio	Lower	Upper
128	100		
49	147.8	0.0	405.0
130	128.8	0.0	321.5

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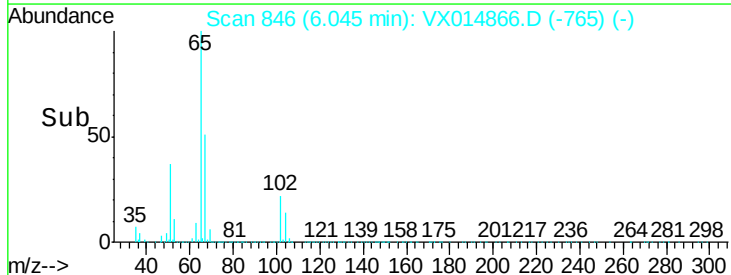
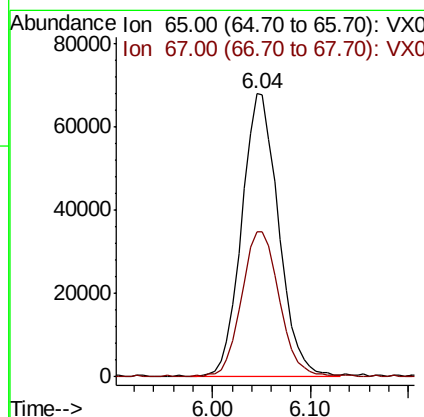
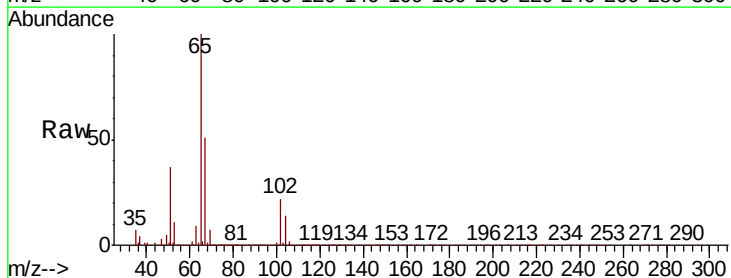
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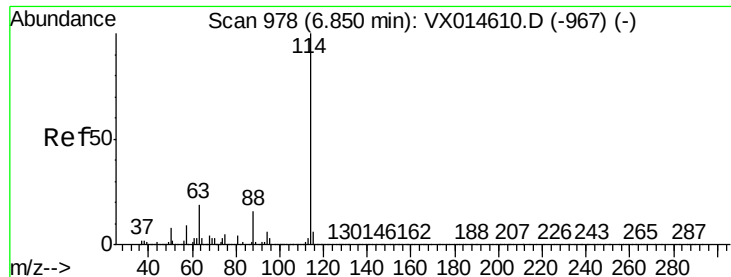


#27

1,2-Dichloroethane-d4
 Concen: 30.935 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014866.D
 Acq: 07 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.8	43.1	64.7





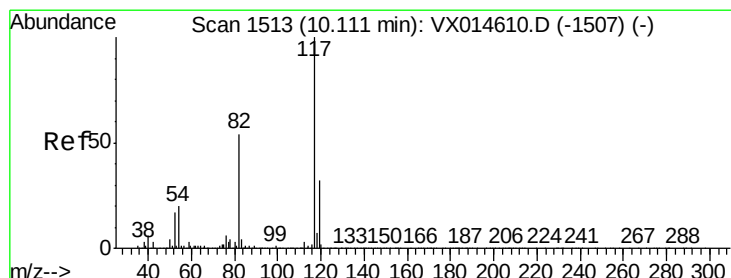
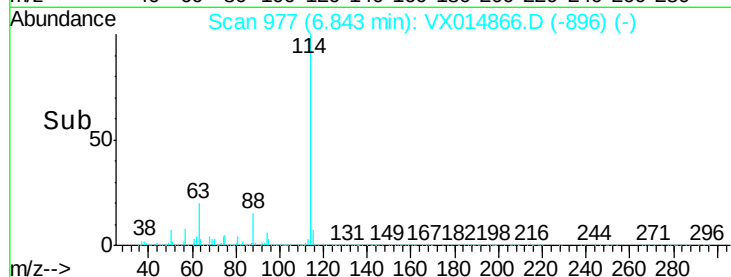
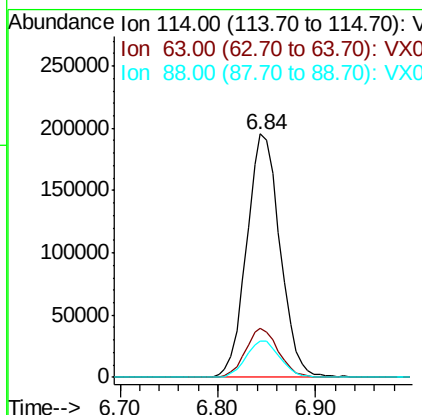
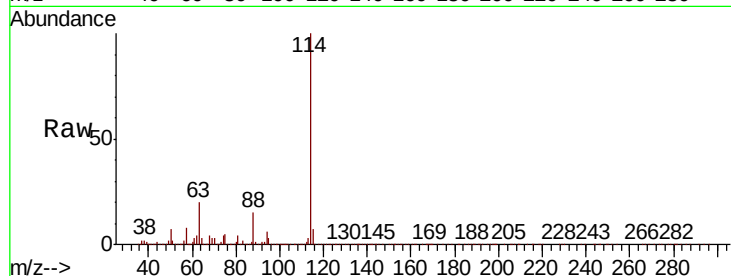
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX014866.D
Acq: 07 Feb 2020 13:18

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	16.1	24.1
88	15.2	12.5	18.7

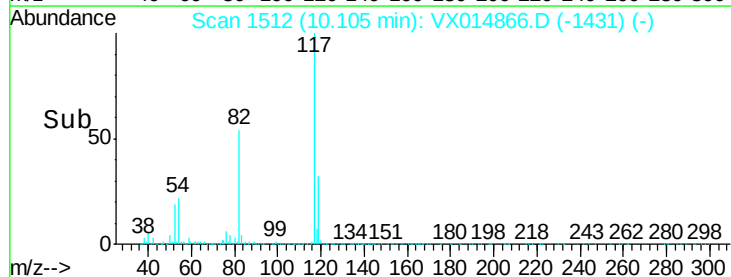
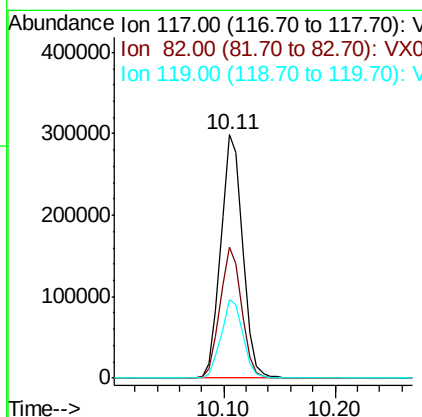
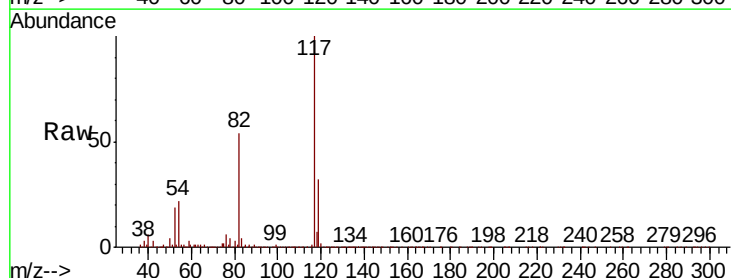
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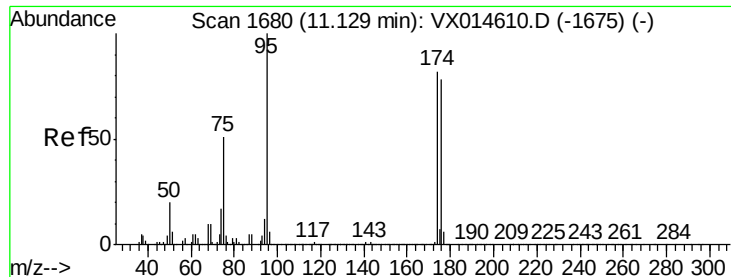
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014866.D
Acq: 07 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.8	65.6
119	32.1	25.8	38.6





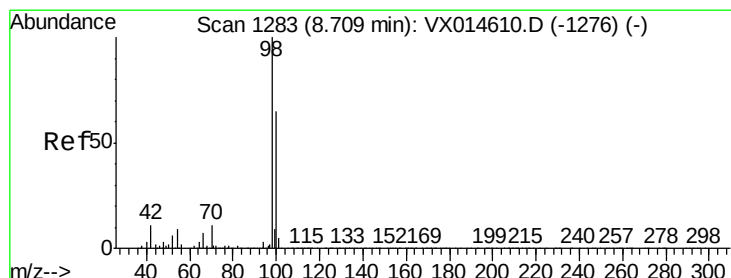
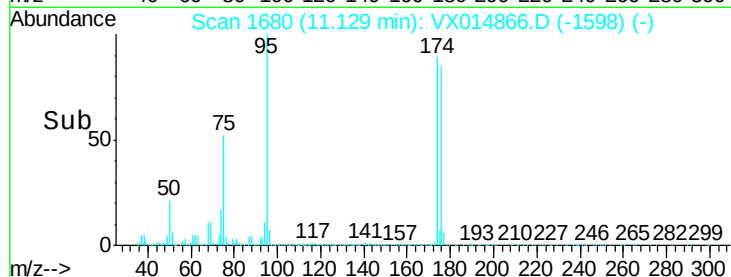
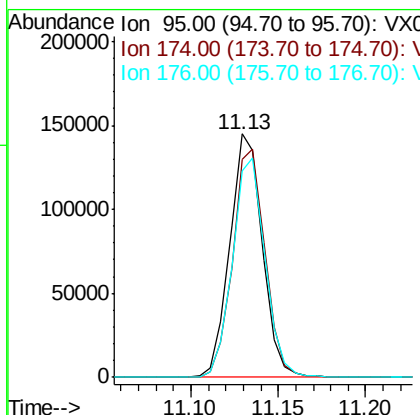
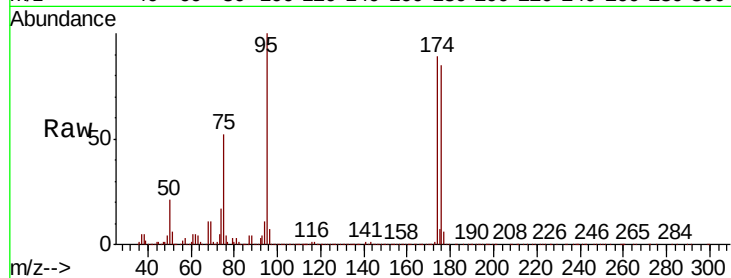
#60
4-Bromofluorobenzene
Concen: 28.835 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014866.D
Acq: 07 Feb 2020 13:18

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion	Ratio	Resp	Lower	Upper
95	100	187618		
174	93.3	70.2	105.2	
176	90.4	68.3	102.5	

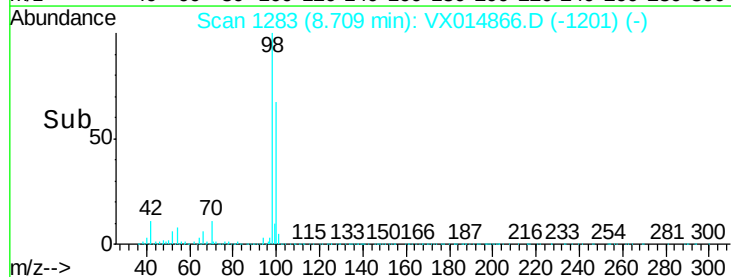
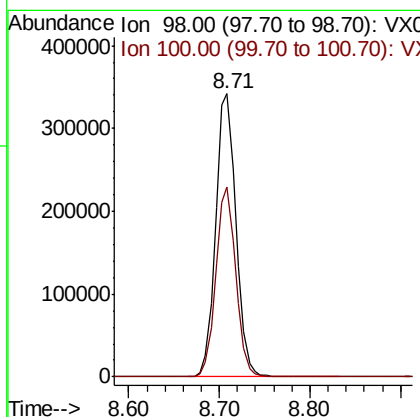
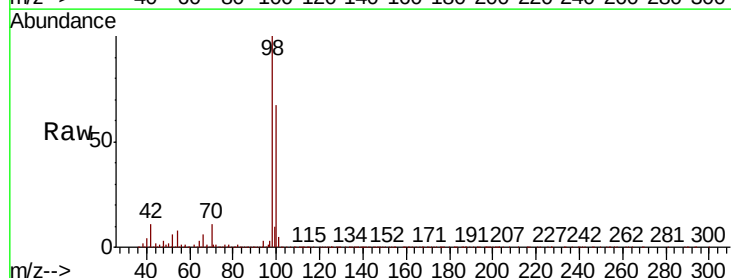
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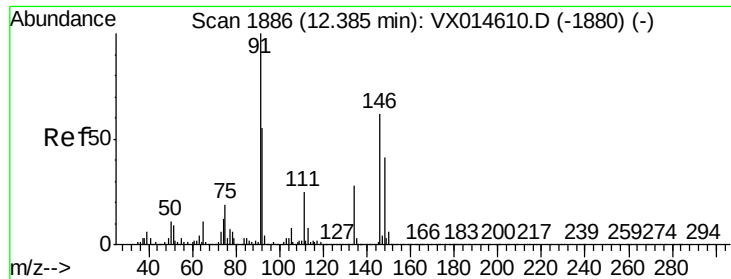
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#63
Toluene-d8
Concen: 29.126 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014866.D
Acq: 07 Feb 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	534941		
100	65.9	52.2	78.2	





#85

n-Butylbenzene

Concen: 0.297 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014866.D

Acq: 07 Feb 2020 13:18

Instrument :

MSVOA_X

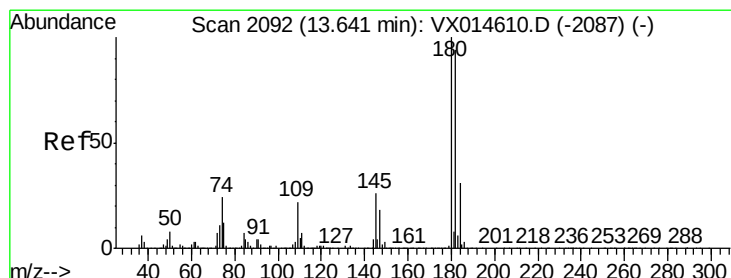
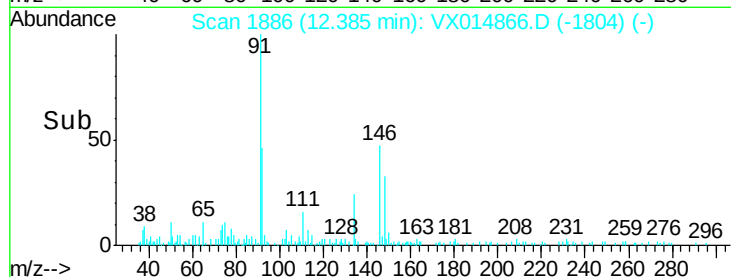
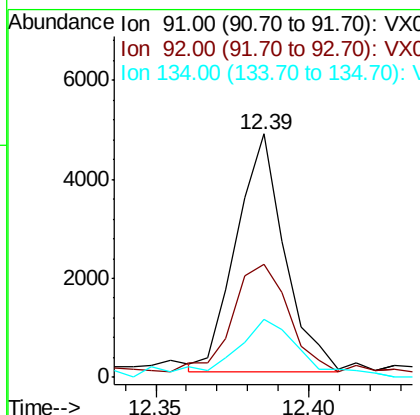
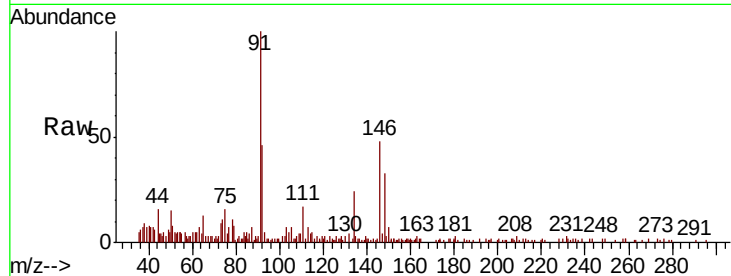
ClientSampled :

IBLK

Tot Ion:	91	Resp:	5261
Ion	Ratio	Lower	Upper
91	100		
92	51.8	0.0	109.0
134	25.4	0.0	54.0

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#89

1,2,4-Trichlorobenzene

Concen: 0.925 ug/l m

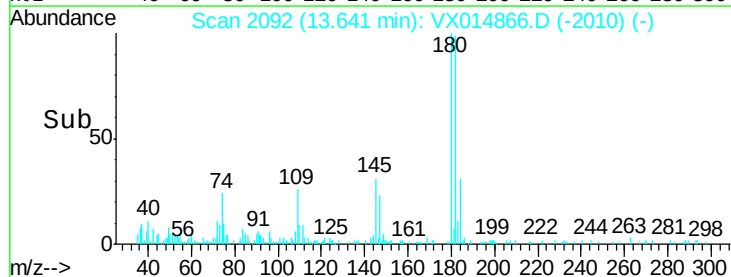
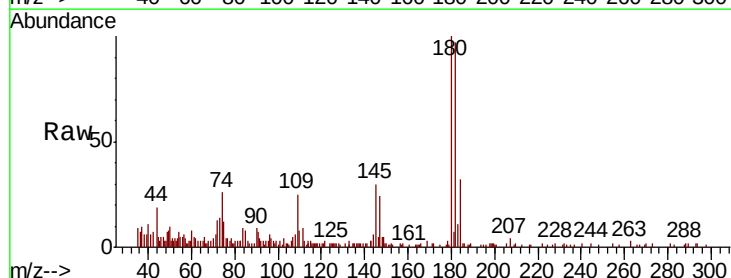
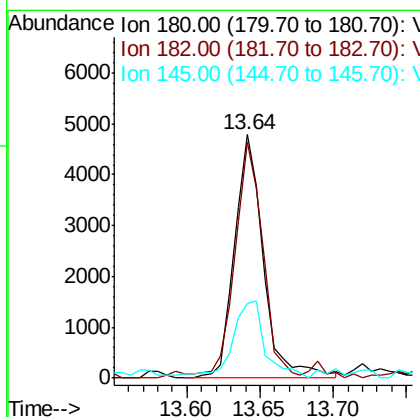
RT: 13.64 min Scan# 2092

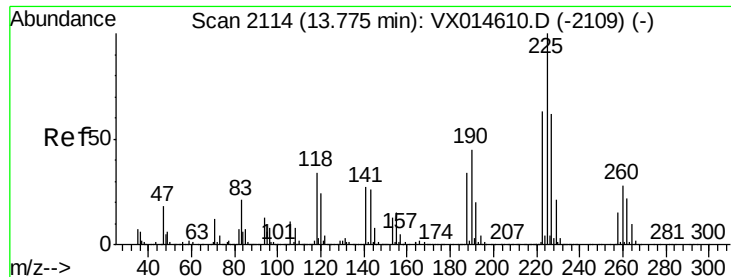
Delta R.T. 0.00 min

Lab File: VX014866.D

Acq: 07 Feb 2020 13:18

Tgt Ion:	180	Resp:	6544
Ion	Ratio	Lower	Upper
180	100		
182	98.2	76.4	114.6
145	34.4	21.9	32.9#





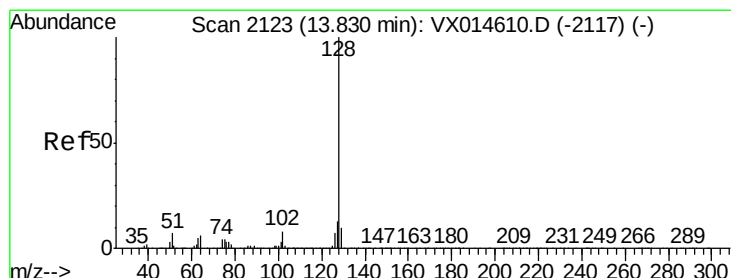
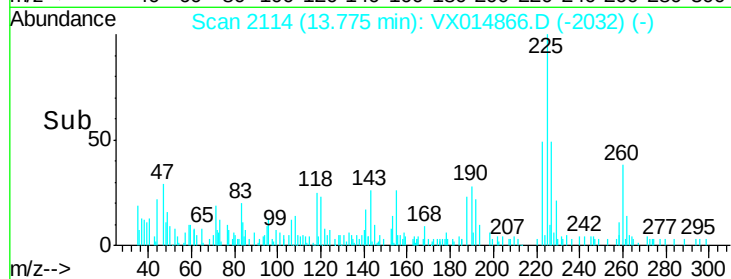
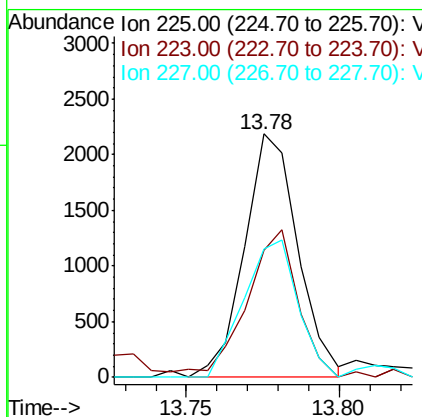
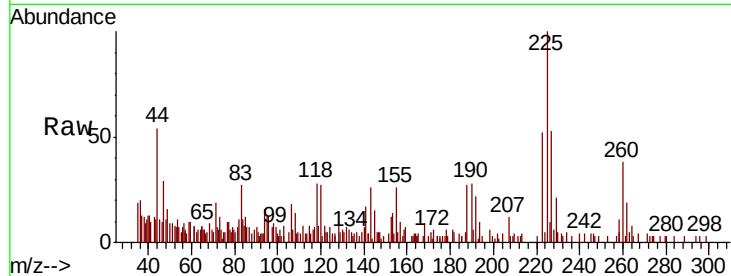
#90
Hexachlorobutadiene
Concen: 0.750 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014866.D
Acq: 07 Feb 2020 13:18

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion	Ratio	Resp	Lower	Upper
225	100	2651		
223	56.3		0.0	127.4
227	57.5		0.0	122.8

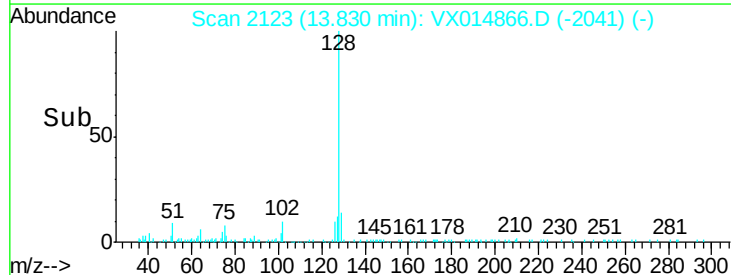
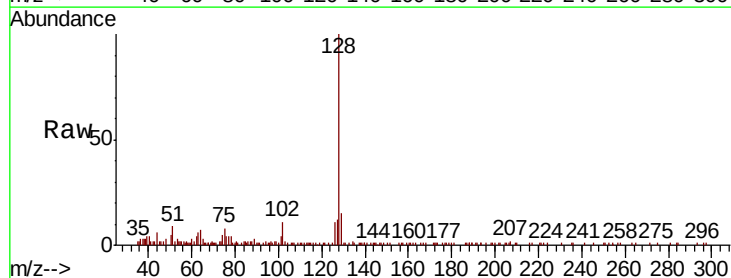
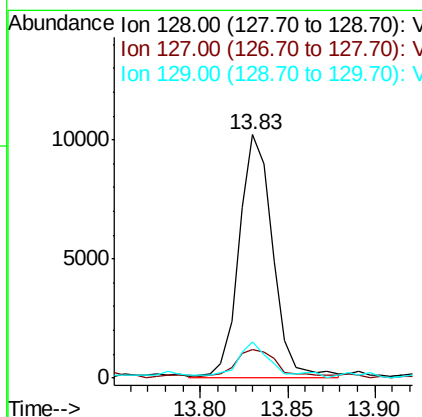
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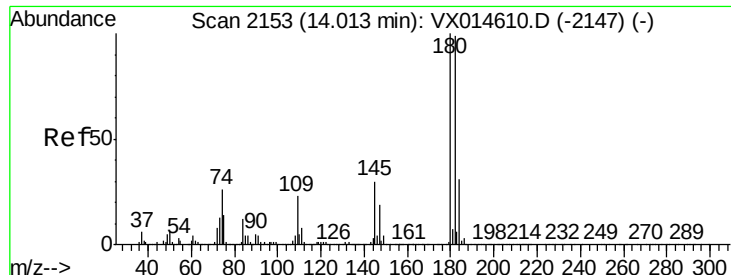
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#91
Naphthalene
Concen: 0.646 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014866.D
Acq: 07 Feb 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	13799		
127	12.8		10.4	15.6
129	12.7		8.9	13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 0.967 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014866.D
 Acq: 07 Feb 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tot Ion	Ratio	Resp	Lower	Upper
180	100	6967		
182	93.4	0.0	192.8	
145	34.1	0.0	60.0	

Manual Integrations
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 2/10/2020 10:49:26 AM

