

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003005.D
 Acq On : 29 Jun 2018 00:05
 Operator : JC/MD
 Sample : J3767-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Manual Integrations
 APPROVED

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 6/29/2018 12:22:49 PM

Quant Time: Jun 29 06:04:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	49509	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	270206	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	240800	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	112961	29.88	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	99.60%		
60) 4-Bromofluorobenzene	11.14	95	111262	27.98	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	93.27%		
63) Toluene-d8	8.72	98	306086	29.10	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	97.00%		

Target Compounds

					Ovalue
11) Methyl Iodide	2.52	142	2977	1.01 ug/l	91
16) Carbon Disulfide	2.57	76	3877	0.60 ug/l	96
25) Chloroform	5.21	83	2662m	0.52 ug/l	

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

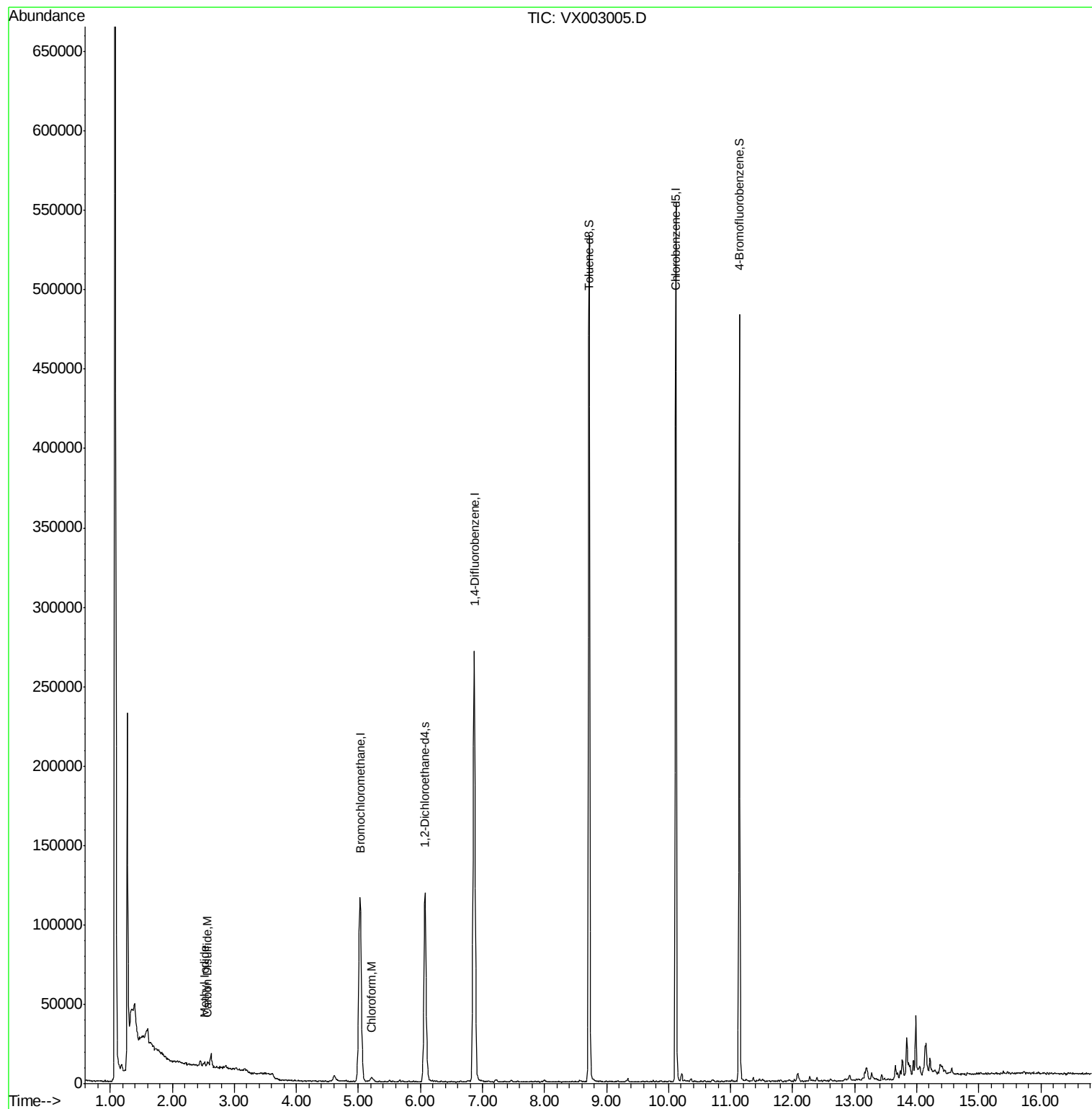
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062818\
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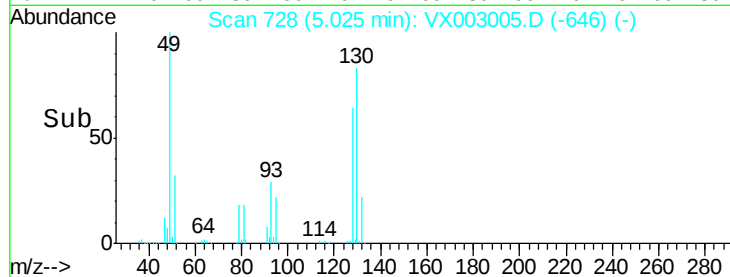
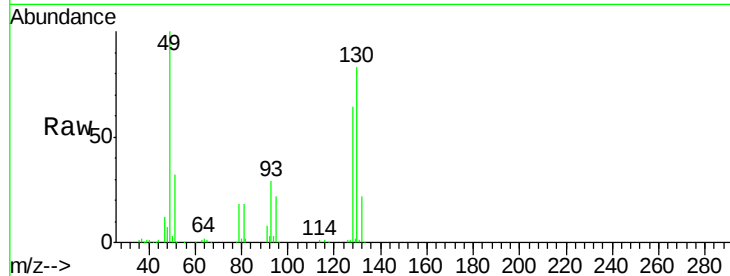
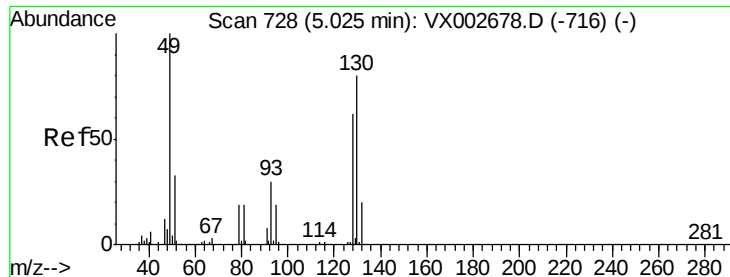
Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

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Quant Time: Jun 29 06:04:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003005.D

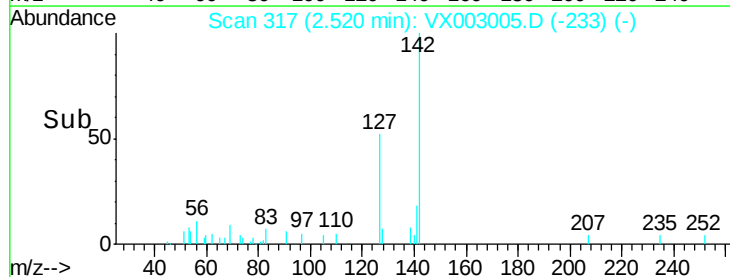
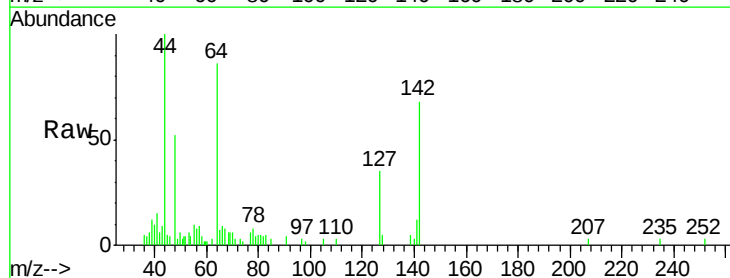
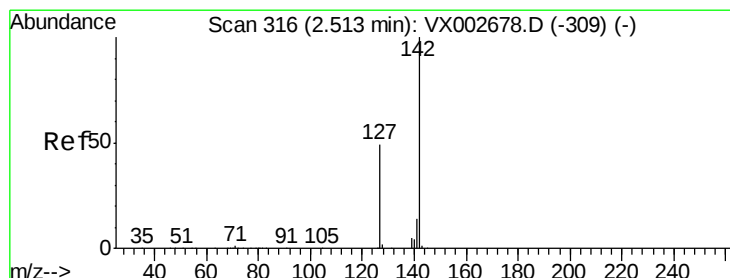
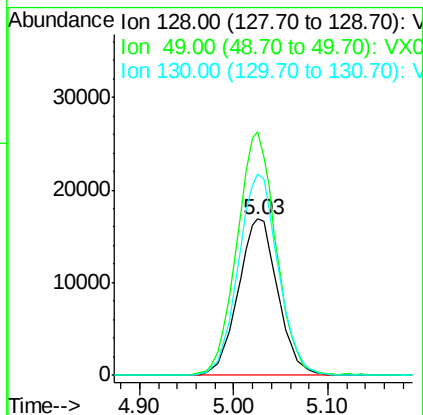
Acq: 29 Jun 2018 00:05

Tot Ion:	128	Resp:	49509
Ion	Ratio	Lower	Upper
128	100		
49	153.7	0.0	423.0
130	129.7	0.0	324.3

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

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#11

Methyl Iodide

Concen: 1.01 ug/l

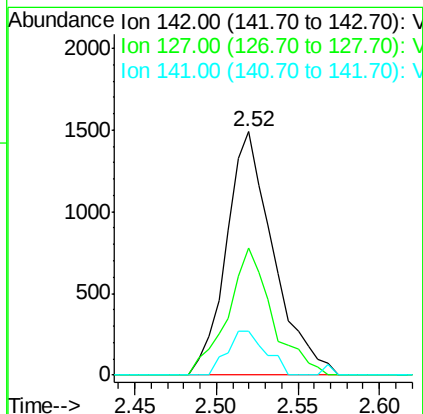
RT: 2.52 min Scan# 317

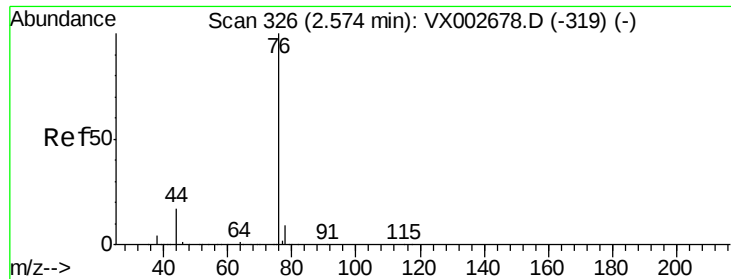
Delta R.T. 0.01 min

Lab File: VX003005.D

Acq: 29 Jun 2018 00:05

Tgt Ion:	142	Resp:	2977
Ion	Ratio	Lower	Upper
142	100		
127	52.2	23.2	69.6
141	18.1	7.4	22.2





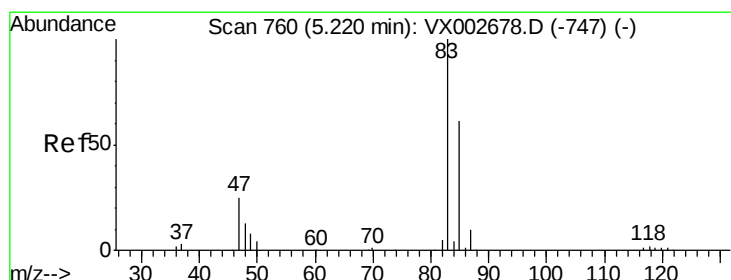
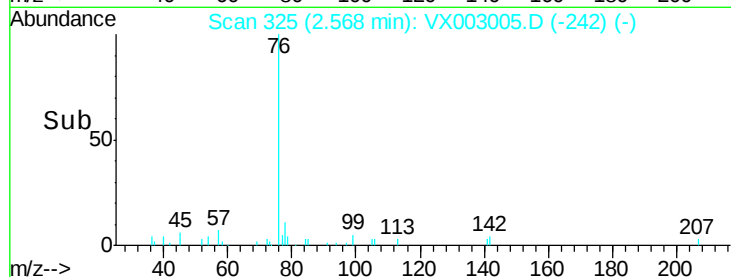
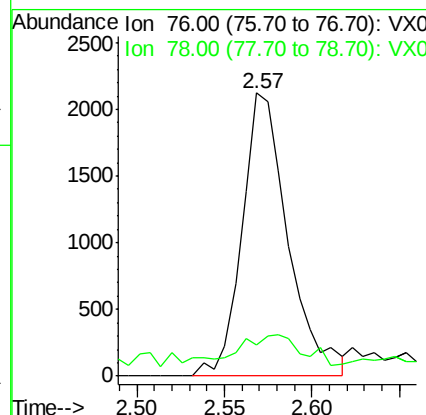
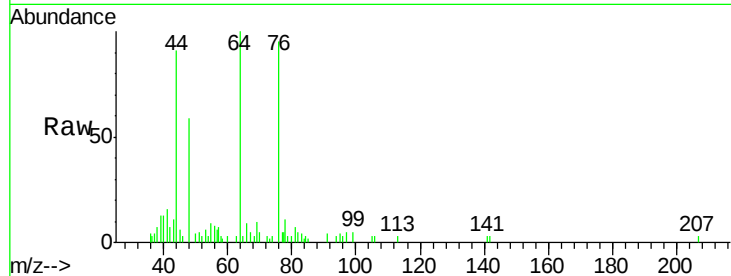
#16
Carbon Disulfide
Concen: 0.60 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003005.D
Acq: 29 Jun 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion: 76 Resp: 3877
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0

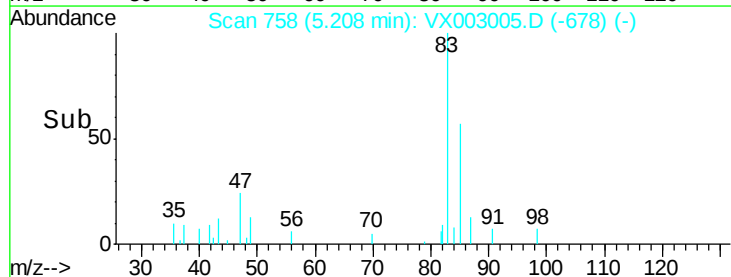
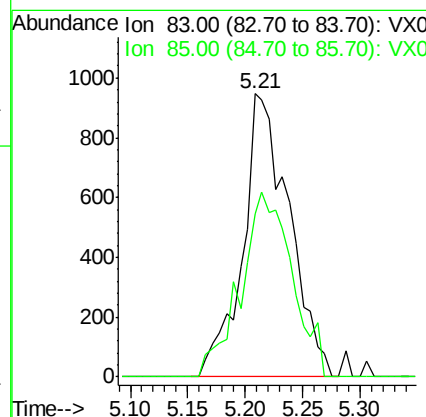
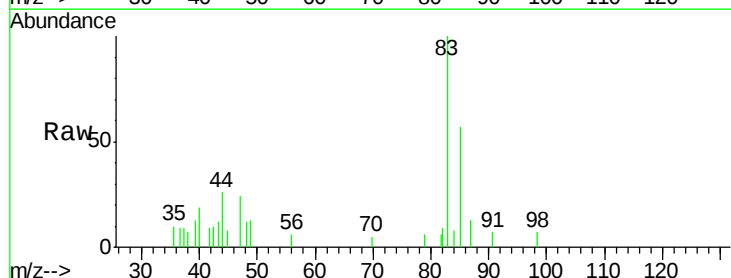
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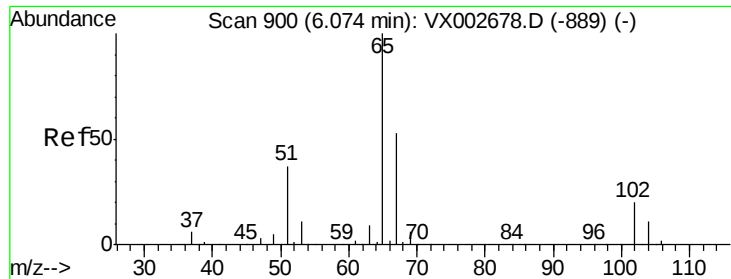
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#25
Chloroform
Concen: 0.52 ug/l m
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003005.D
Acq: 29 Jun 2018 00:05

Tgt Ion: 83 Resp: 2662
Ion Ratio Lower Upper
83 100
85 57.4 51.9 77.9





#27

1,2-Dichloroethane-d4

Concen: 29.88 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003005.D

Acq: 29 Jun 2018 00:05

Tot Ion: 65 Resp: 112961

Ion Ratio Lower Upper

65 100

67 52.1 40.9 61.3

Instrument :

MSVOA_X

ClientSampled :

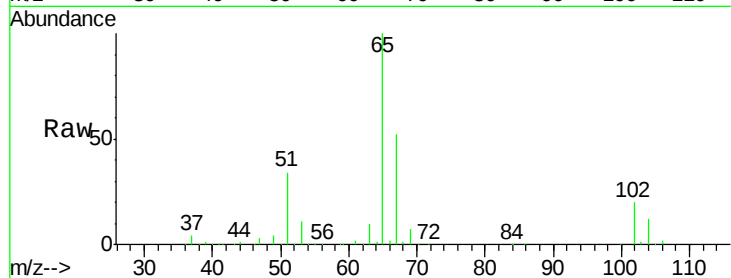
SPDES-1

Manual Integrations

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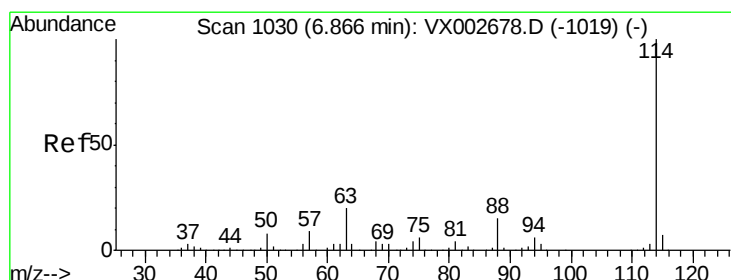
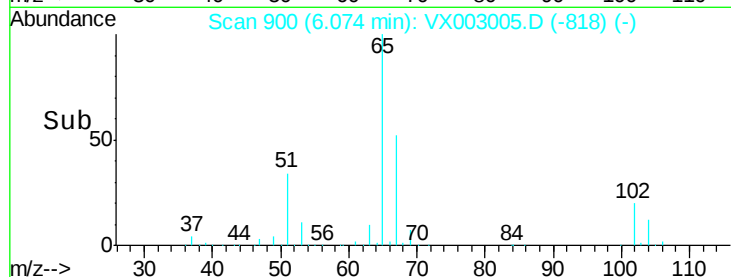
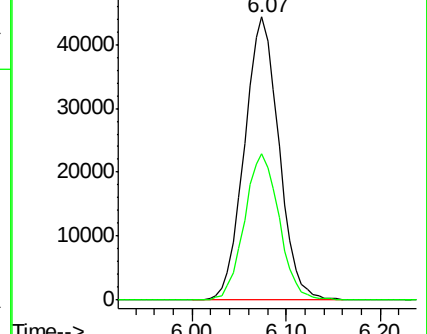
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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003005.D

Acq: 29 Jun 2018 00:05

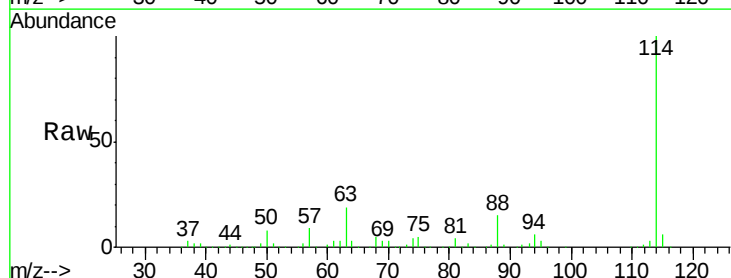
Tgt Ion: 114 Resp: 270206

Ion Ratio Lower Upper

114 100

63 20.2 17.1 25.7

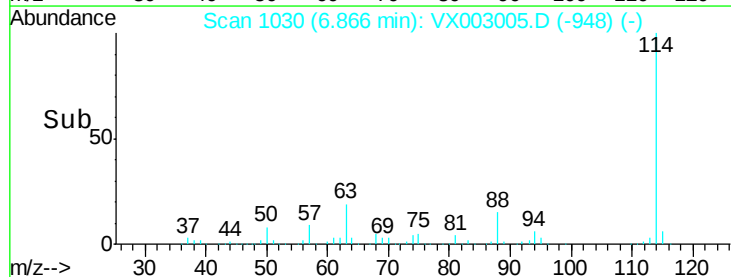
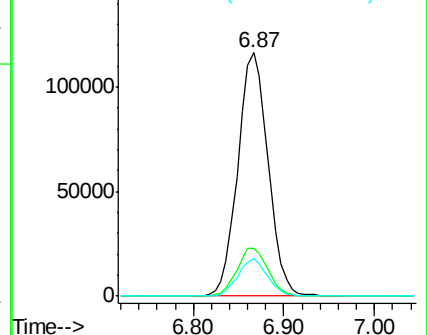
88 15.0 12.6 19.0

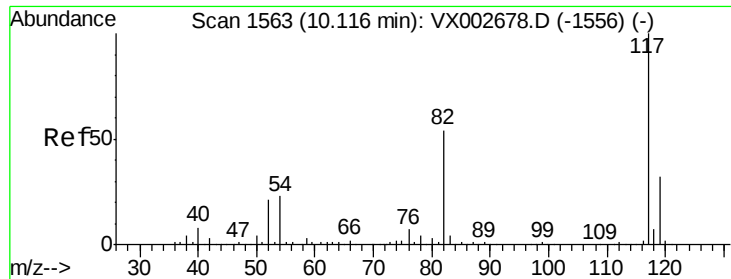


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





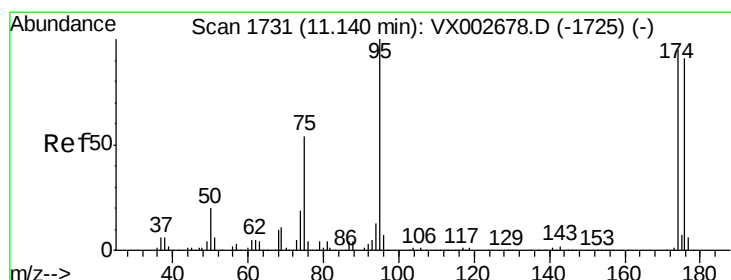
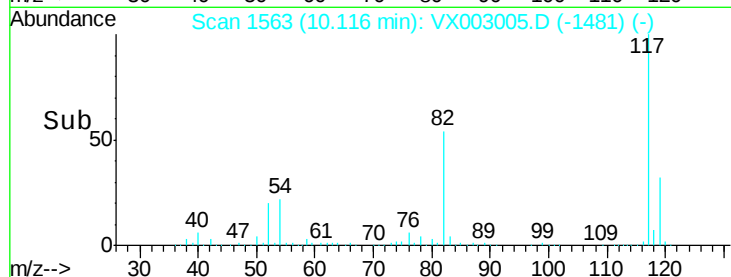
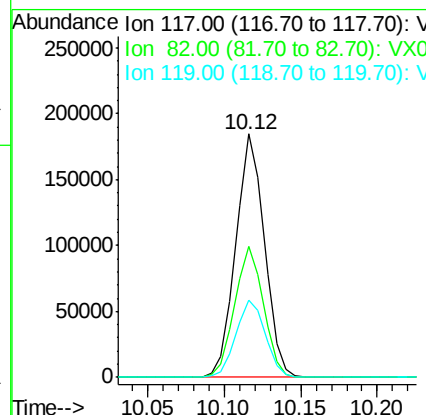
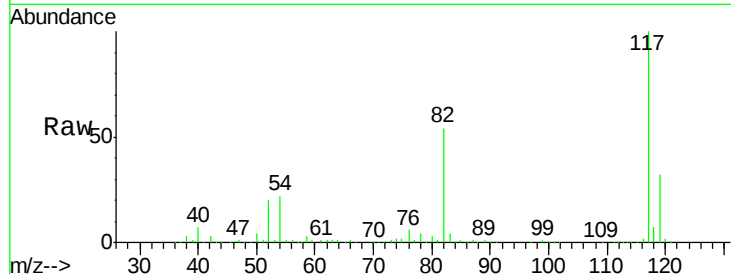
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003005.D
Acq: 29 Jun 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.3	66.5
119	32.4	25.7	38.5

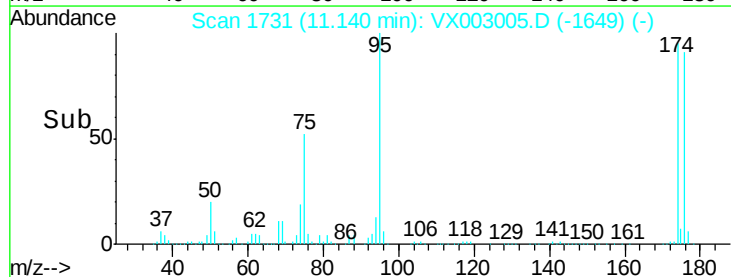
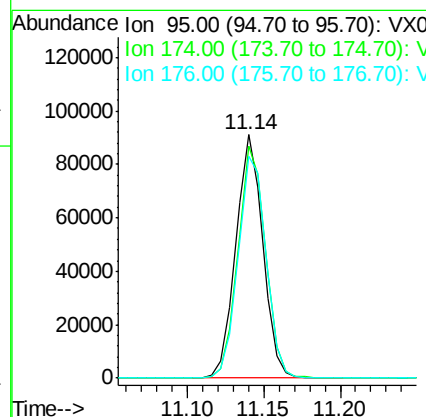
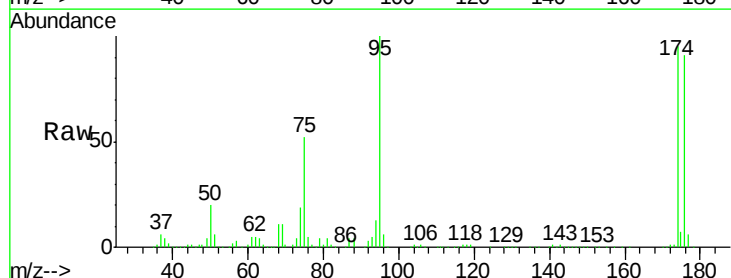
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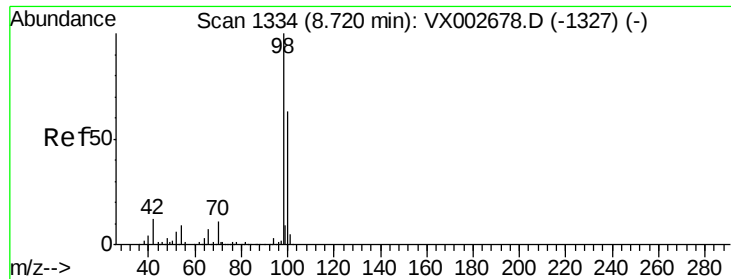
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#60
4-Bromofluorobenzene
Concen: 27.98 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003005.D
Acq: 29 Jun 2018 00:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.0	71.8	107.6
176	94.1	70.1	105.1





#63
Toluene-d8
Concen: 29.10 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003005.D
Acq: 29 Jun 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.8	76.2

Manual Integrations
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