

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019079.D
 Acq On : 23 Oct 2020 16:31
 Operator : JC/SP
 Sample : L4489-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 201021001-09-TRIP-BLANK

Manual Integrations
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 10/26/2020 11:16:24 AM

Quant Time: Oct 26 07:11:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	47061	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	261300	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	232590	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	94969	30.30	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery	=	101.00%	
60) 4-Bromofluorobenzene	11.12	95	104752	30.01	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery	=	100.03%	
63) Toluene-d8	8.70	98	310764	30.26	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery	=	100.87%	

Target Compounds

					Ovalue
11) Methyl Iodide	2.50	142	1874	7.944 ug/l	98
18) Methylene Chloride	2.83	84	3810	1.410 ug/l #	95
25) Chloroform	5.18	83	2693m	0.552 ug/l	

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

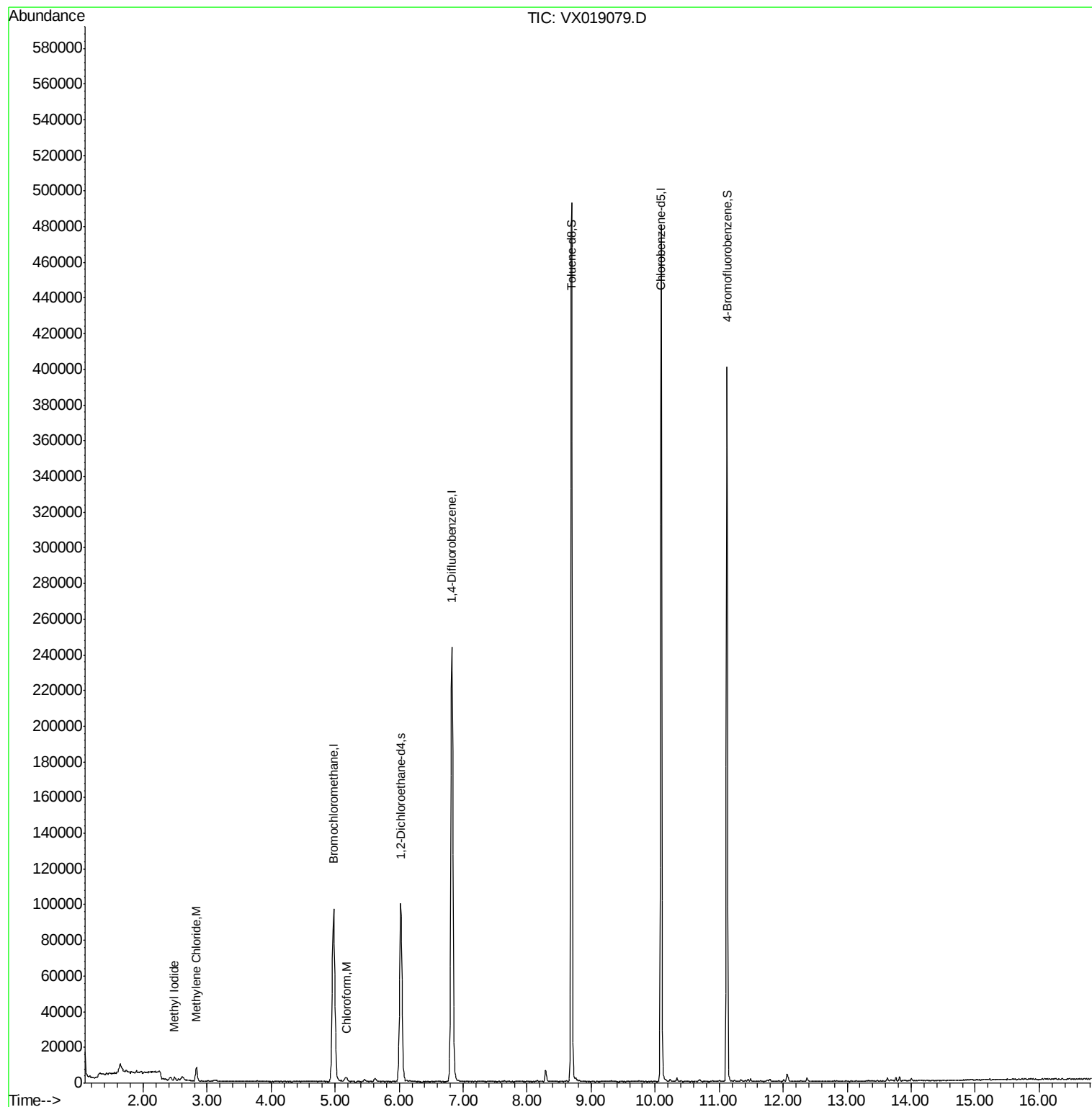
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102320\
Data File : VX019079.D
Acq On : 23 Oct 2020 16:31
Operator : JC/SP
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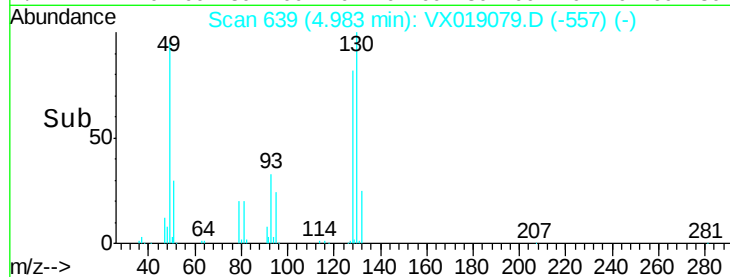
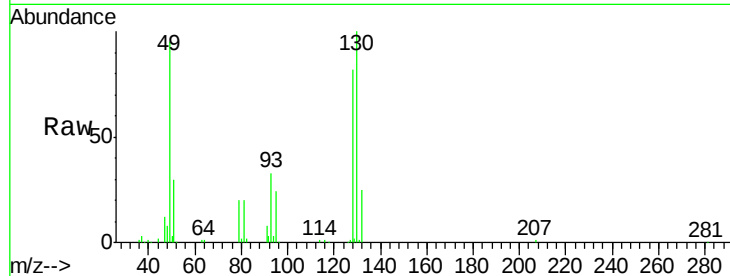
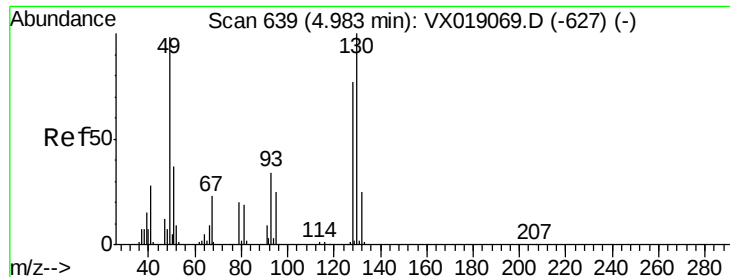
Instrument :
MSVOA_X
ClientSampleId :
201021001-09-TRIP-BLANK

Manual Integrations
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10/26/2020 11:16:24 AM

Quant Time: Oct 26 07:11:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 03:21:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX019079.D

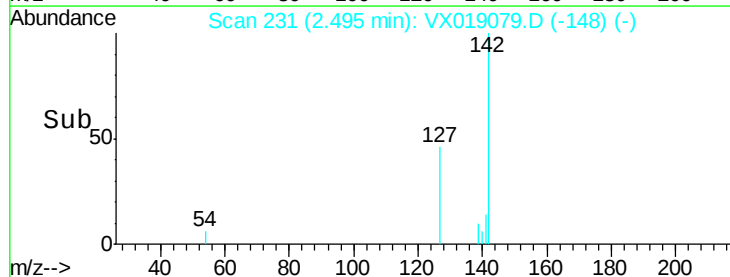
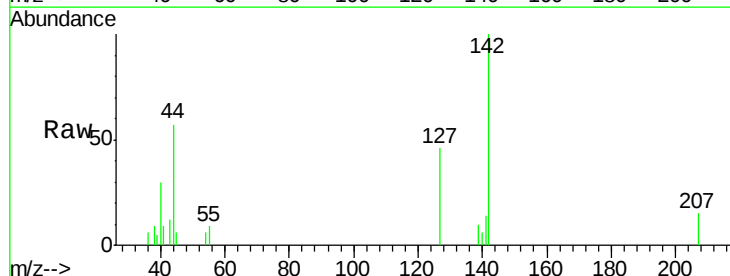
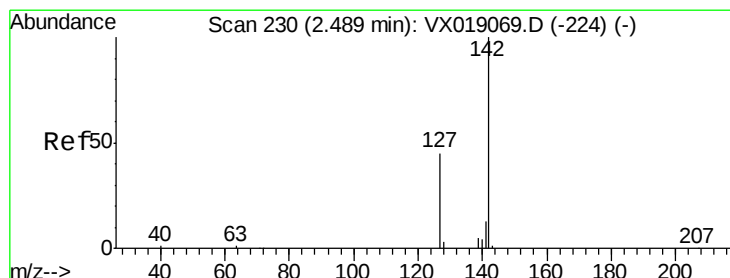
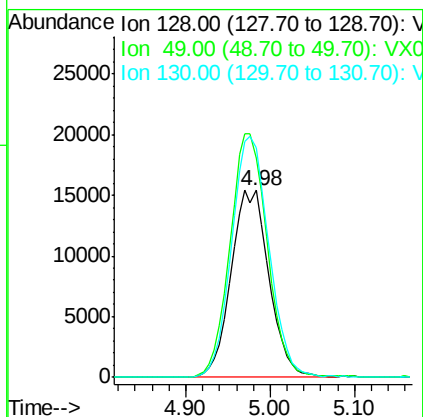
Acq: 23 Oct 2020 16:31

Tot Ion:128	Resp:	47061
Ion Ratio	Lower	Upper
128 100		
49 127.2	0.0	318.8
130 126.2	0.0	321.8

Instrument :
MSVOA_X
ClientSampleId :
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#11

Methyl Iodide

Concen: 7.944 ug/l

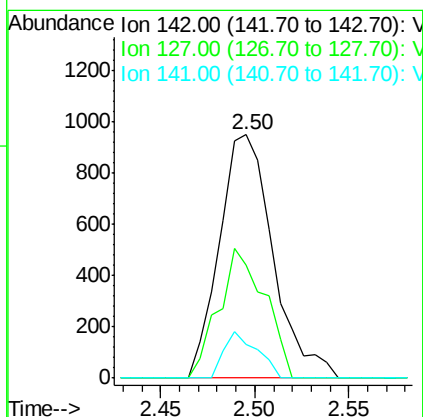
RT: 2.50 min Scan# 231

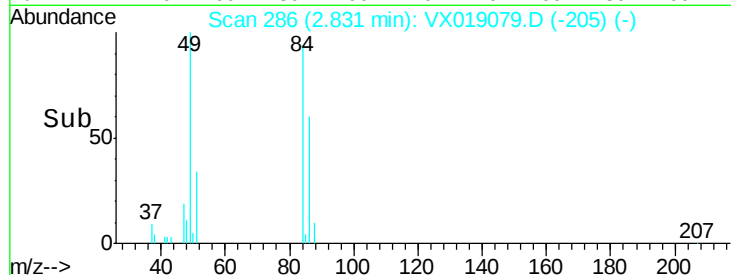
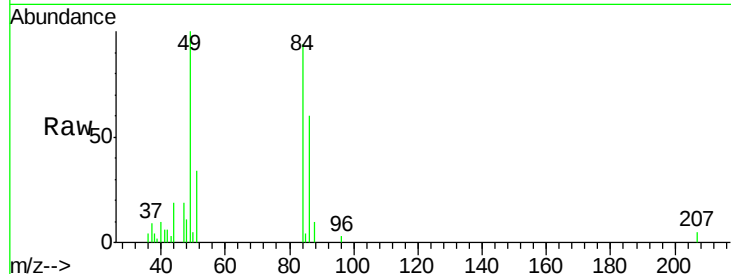
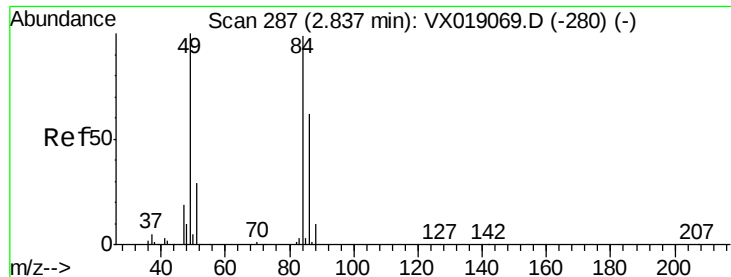
Delta R.T. 0.01 min

Lab File: VX019079.D

Acq: 23 Oct 2020 16:31

Tgt Ion:142	Resp:	1874
Ion Ratio	Lower	Upper
142 100		
127 46.2	22.6	67.7
141 13.7	6.3	19.1





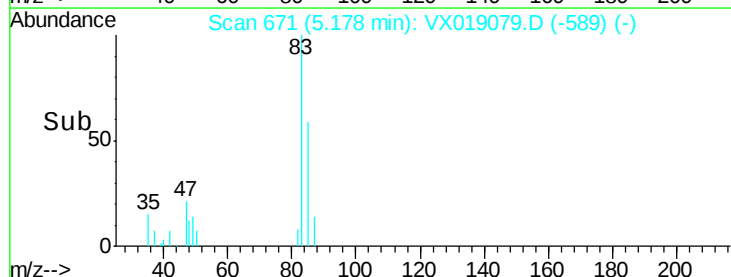
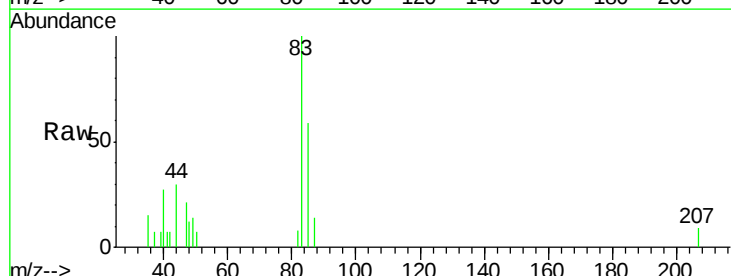
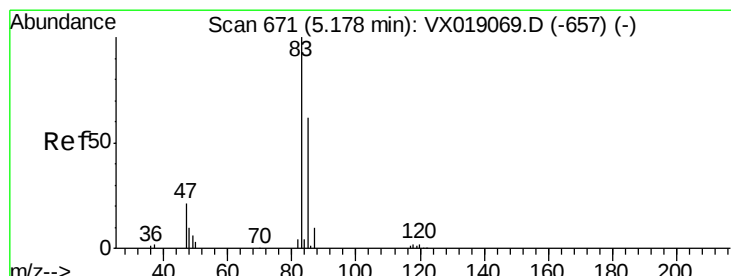
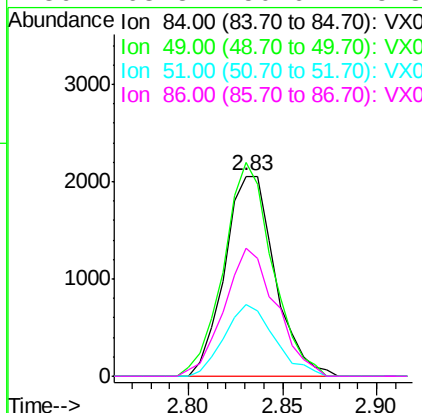
#18
Methvlene Chloride
Concen: 1.410 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019079.D
Acq: 23 Oct 2020 16:31

Tot Ion:	84	Resp:	3810
Ion	Ratio	Lower	Upper
84	100		
49	106.9	80.9	121.3
51	36.0	23.8	35.6#
86	63.8	50.6	75.8

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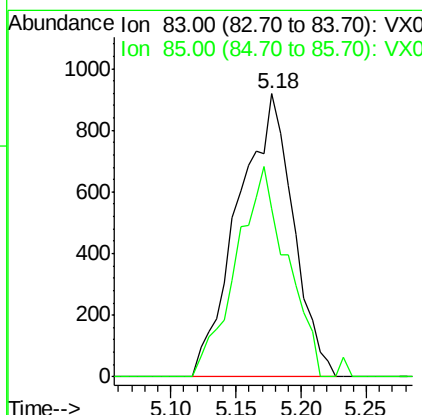
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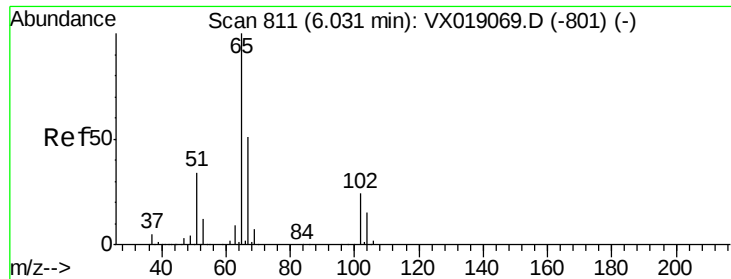
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#25
Chloroform
Concen: 0.552 ug/l m
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019079.D
Acq: 23 Oct 2020 16:31

Tgt Ion:	83	Resp:	2693
Ion	Ratio	Lower	Upper
83	100		
85	59.3	49.8	74.8





#27

1,2-Dichloroethane-d4

Concen: 30.297 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019079.D

Acq: 23 Oct 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion: 65 Resp: 94969

Ion Ratio Lower Upper

65 100

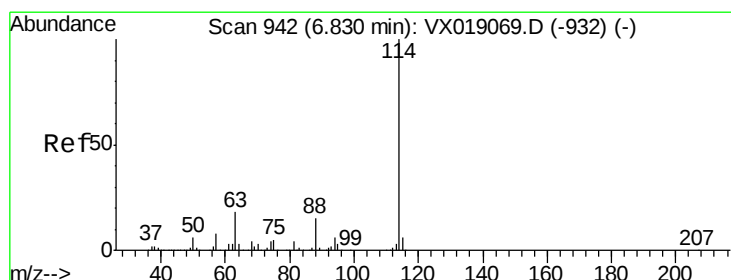
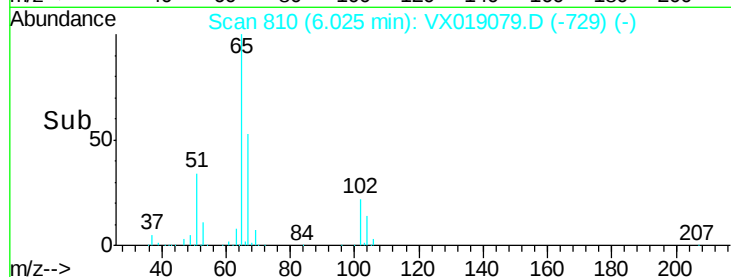
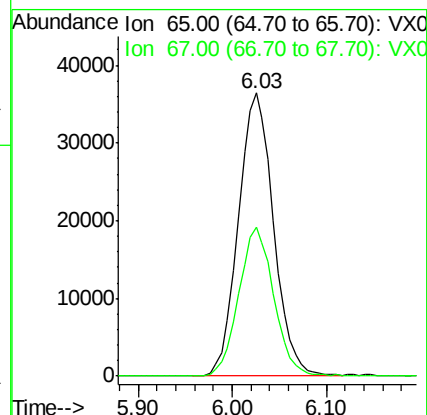
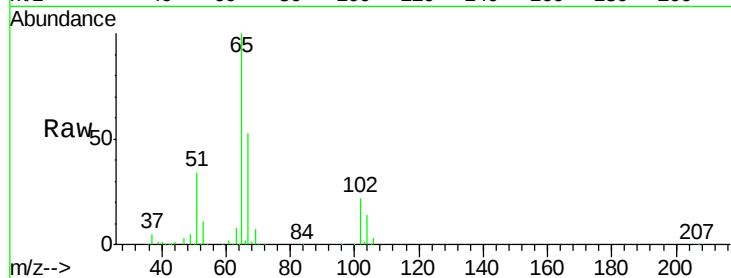
67 52.6 42.0 63.0

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019079.D

Acq: 23 Oct 2020 16:31

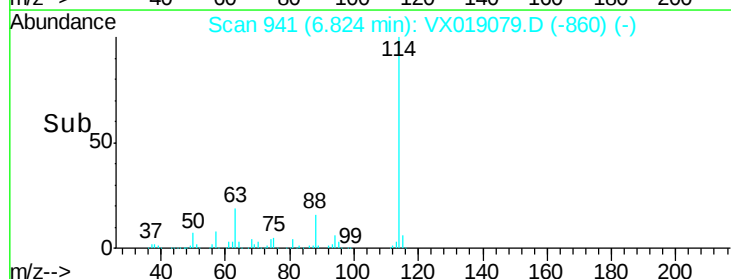
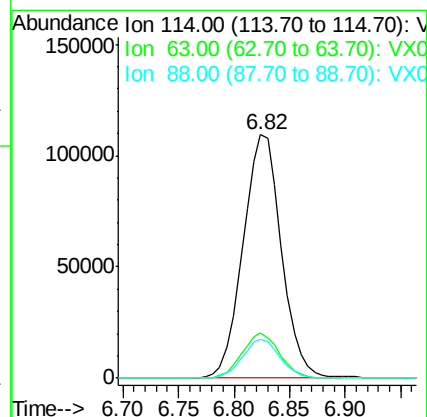
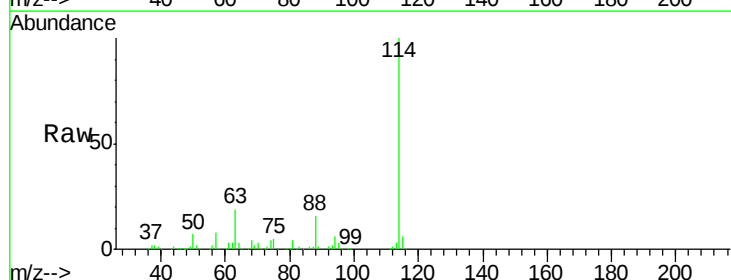
Tgt Ion: 114 Resp: 261300

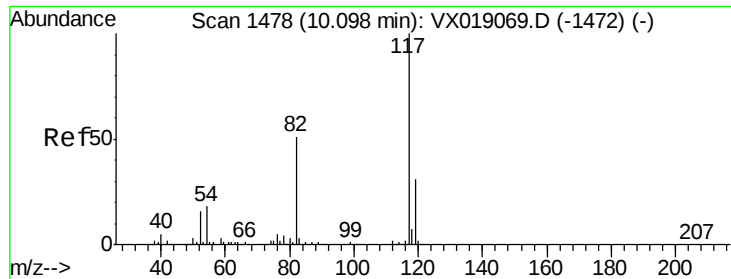
Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

88 15.6 12.2 18.2





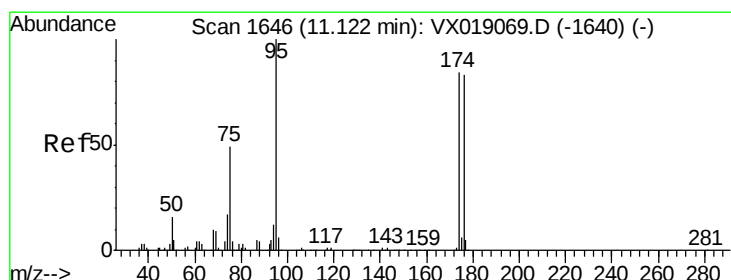
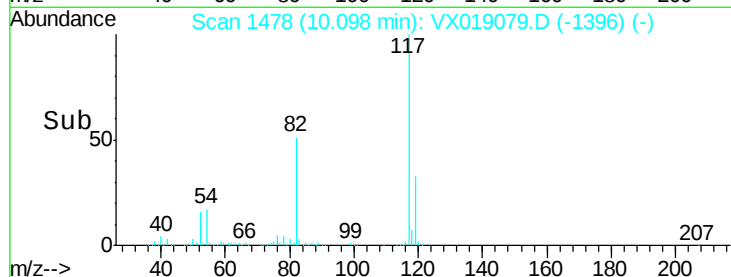
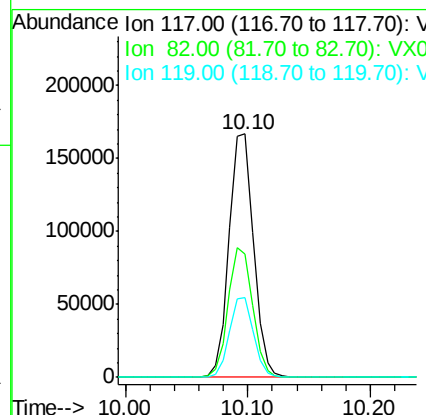
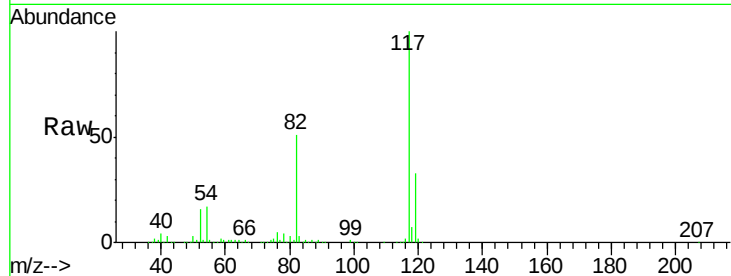
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019079.D
Acq: 23 Oct 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :
201021001-09-TRIP-BLANK

Tot Ion	Ratio	Resp	Lower	Upper
117	100	232590		
82	53.0		42.5	63.7
119	32.1		25.6	38.4

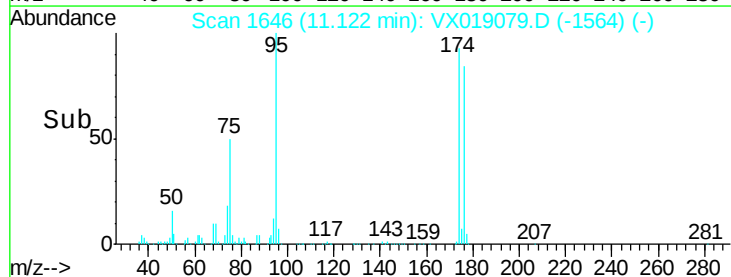
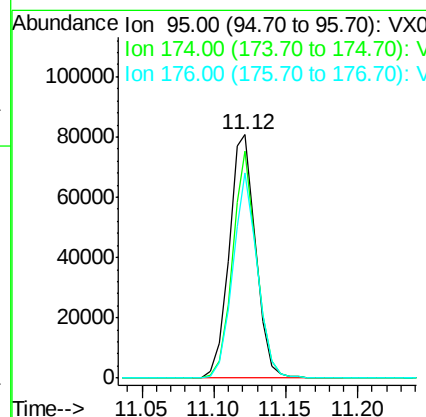
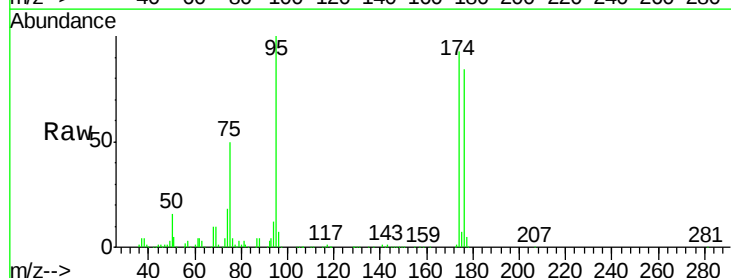
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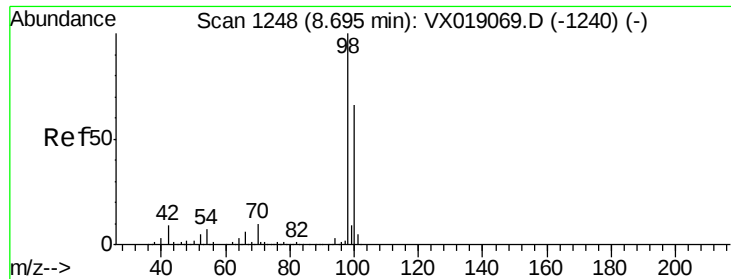
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#60
4-Bromofluorobenzene
Concen: 30.006 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019079.D
Acq: 23 Oct 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	104752		
174	84.3		66.3	99.5
176	78.0		65.5	98.3





#63

Toluene-d8

Concen: 30.262 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019079.D

Acq: 23 Oct 2020 16:31

Instrument :

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ClientSampleId :

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Tot Ion: 98 Resp: 310764

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4

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