

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036279.D
 Acq On : 28 Jan 2021 19:54
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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Quant Time: Jan 29 03:05:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1553038	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3276940	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3000798	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	2471522	9.95	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	9671m	0.106	ppbv	
15) Acetone	3.87	43	26545m	0.140	ppbv	
20) Methylene Chloride	4.34	84	6297m	0.104	ppbv	

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

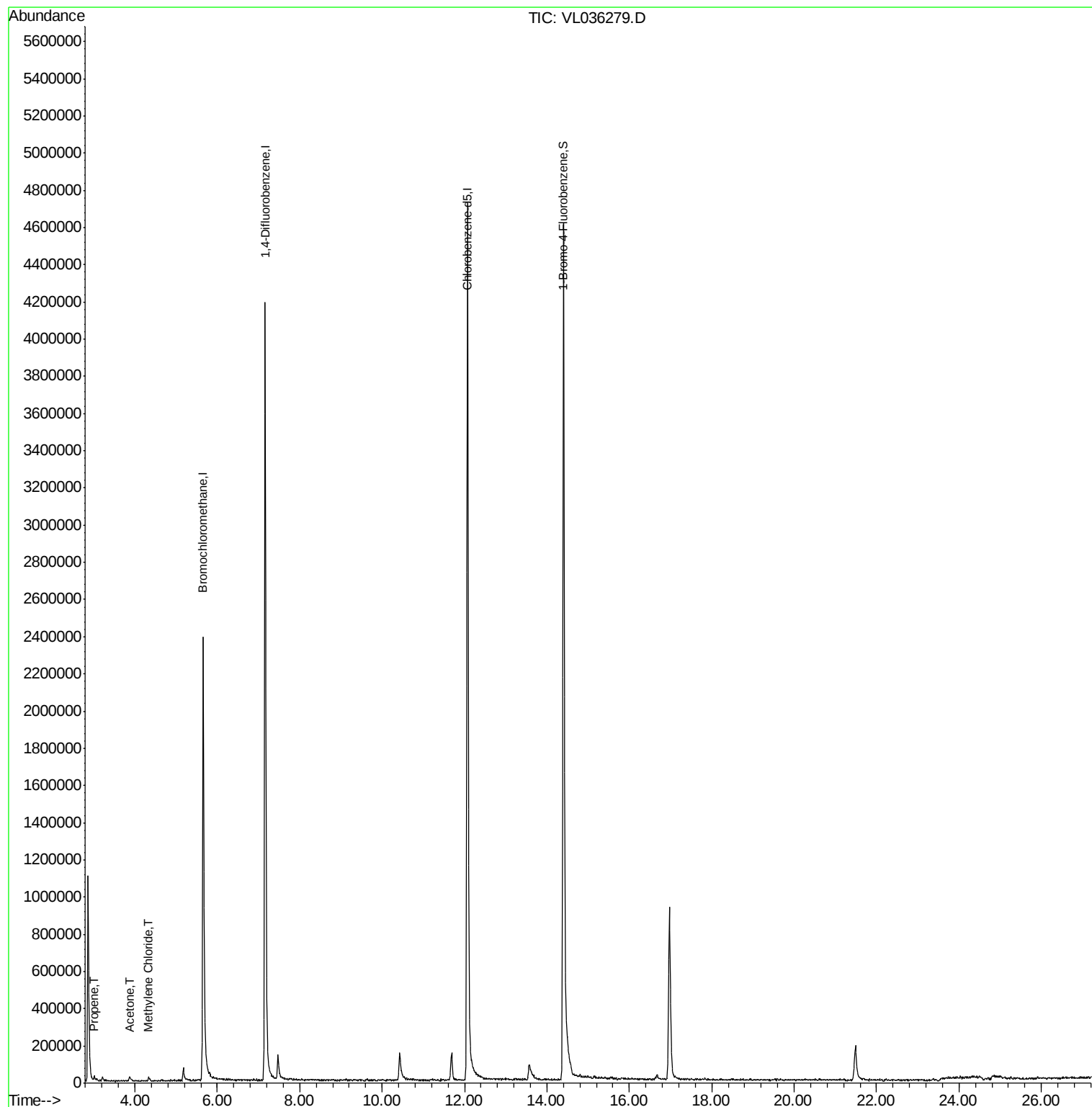
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012821\
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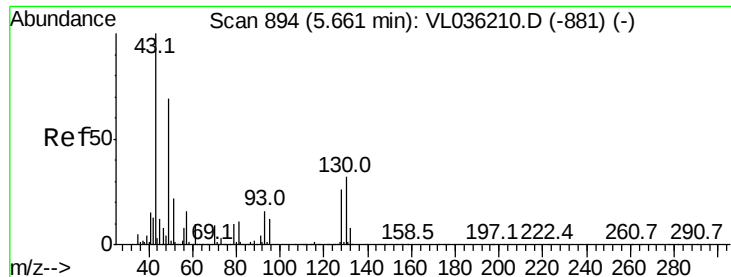
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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#1

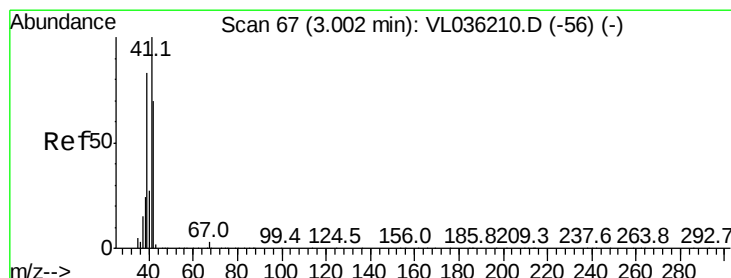
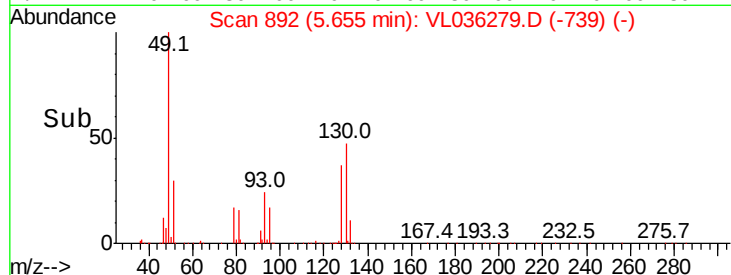
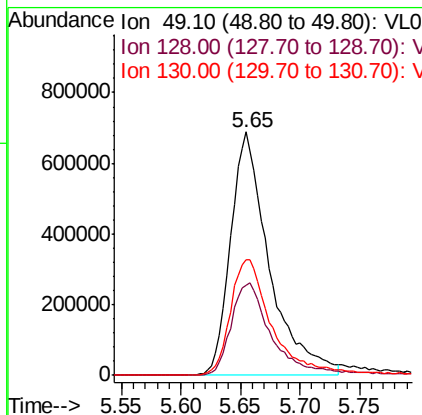
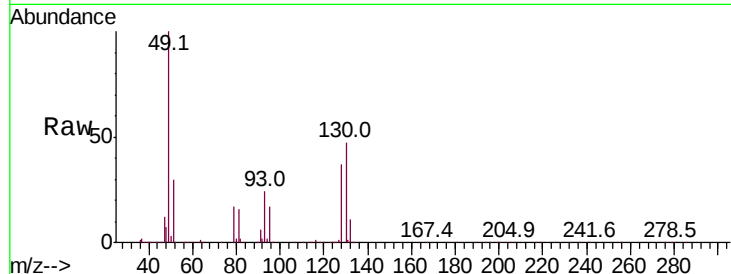
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: VL036279.D
 Acq: 28 Jan 2021 19:54

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tot Ion: 49 Resp: 1553038
 Ion Ratio Lower Upper
 49 100
 128 40.4 20.1 60.2
 130 52.3 25.3 75.9

Manual Integrations
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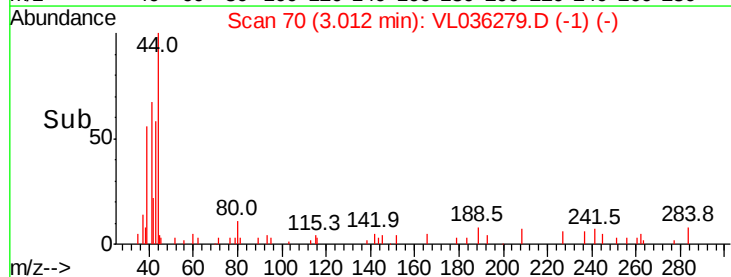
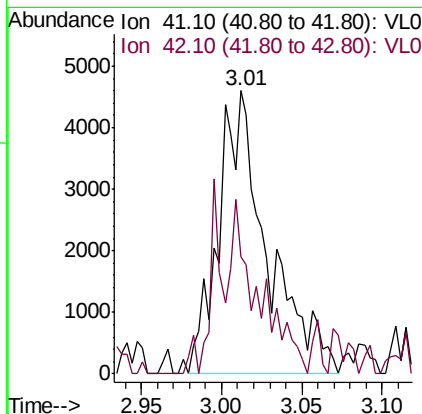
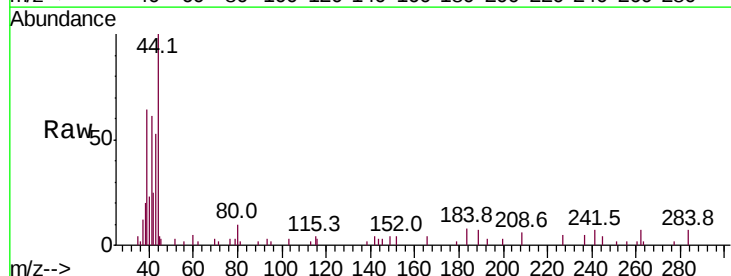
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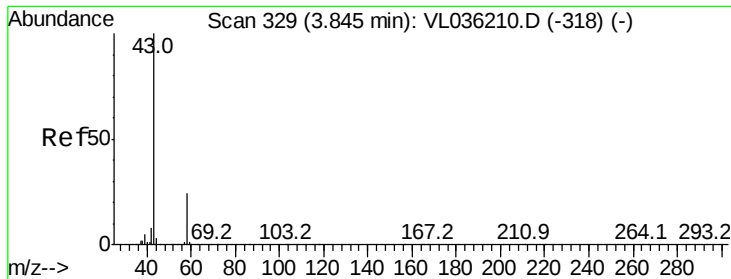


#9

Propene
 Concen: 0.106 ppbv m
 RT: 3.01 min Scan# 70
 Delta R.T. 0.01 min
 Lab File: VL036279.D
 Acq: 28 Jan 2021 19:54

Tgt Ion: 41 Resp: 9671
 Ion Ratio Lower Upper
 41 100
 42 51.1 57.1 85.7#





#15

Acetone

Concen: 0.140 ppbv m

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL036279.D

Acq: 28 Jan 2021 19:54

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 43 Resp: 26545

Ion Ratio Lower Upper

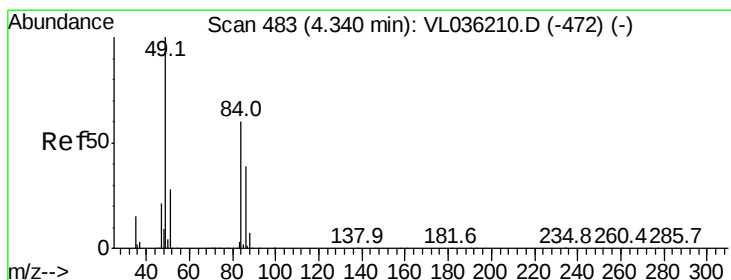
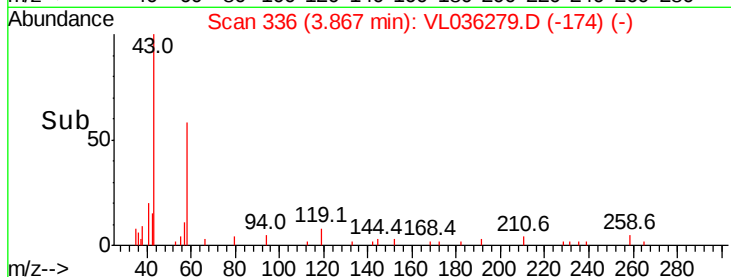
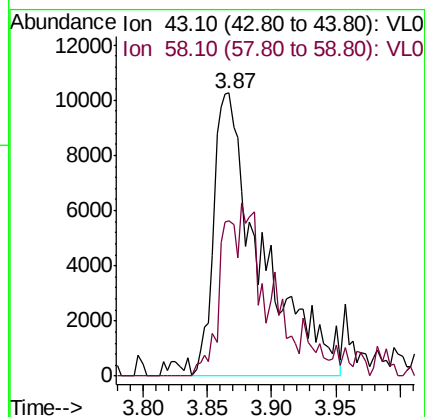
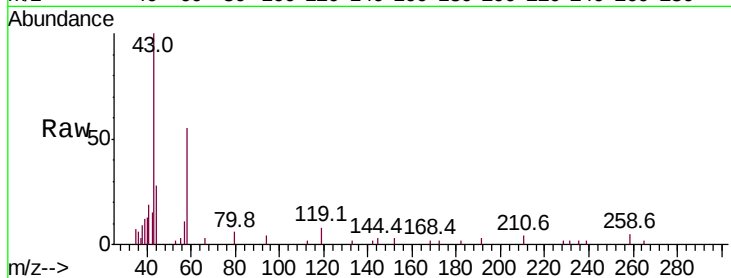
43 100

58 0.0 20.9 31.3#

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#20

Methylene Chloride

Concen: 0.104 ppbv m

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL036279.D

Acq: 28 Jan 2021 19:54

Tgt Ion: 84 Resp: 6297

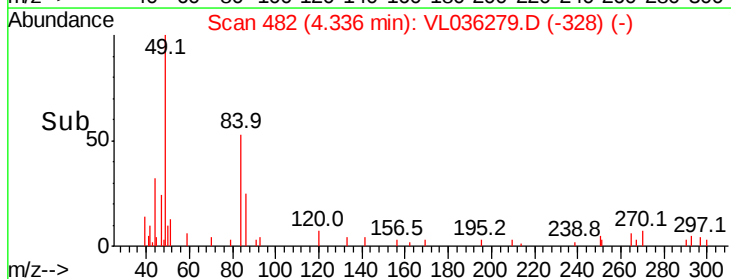
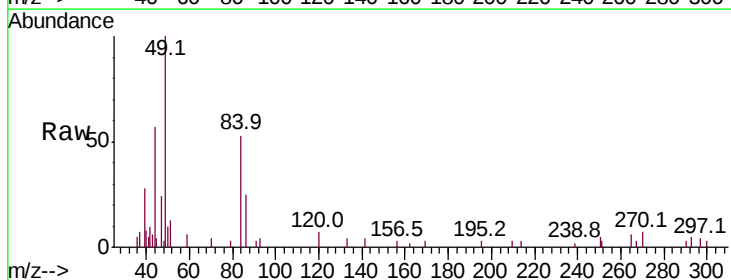
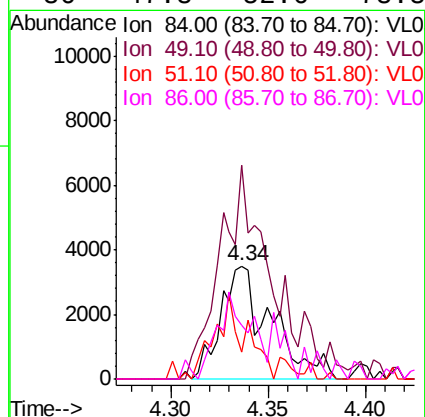
Ion Ratio Lower Upper

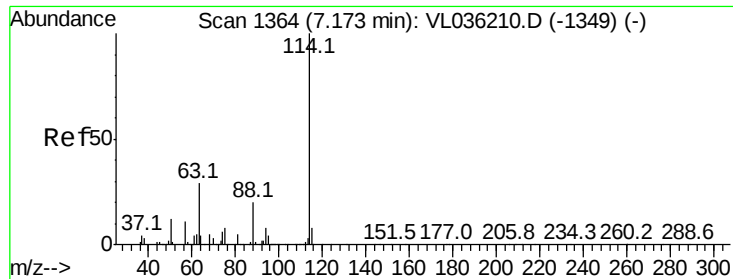
84 100

49 188.9 134.1 201.1

51 24.2 37.4 56.0#

86 47.8 52.6 78.8#





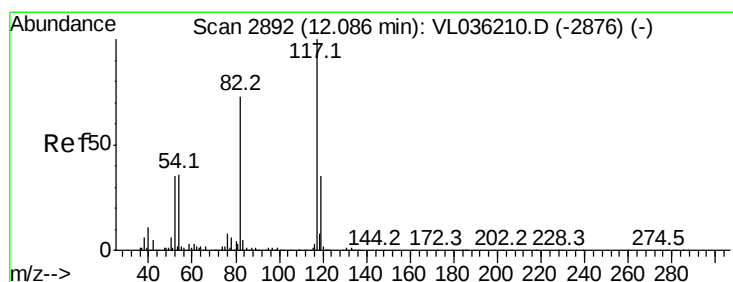
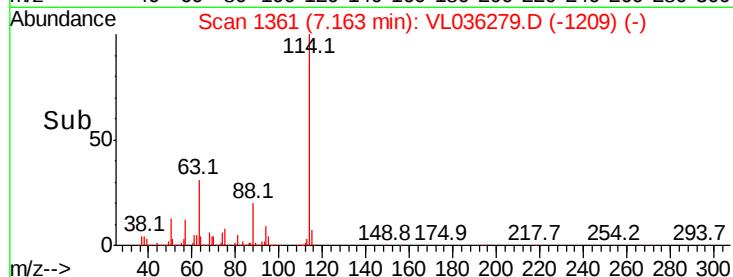
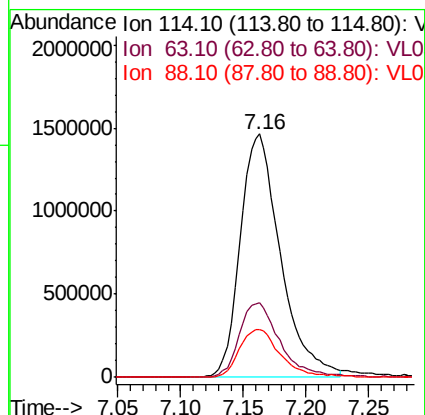
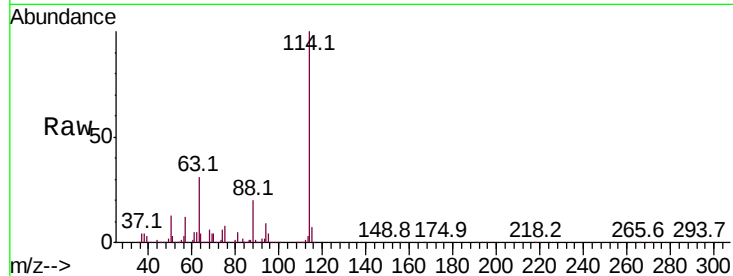
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL036279.D
Acq: 28 Jan 2021 19:54

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	31.1	24.7	37.1
88	20.6	16.6	24.8

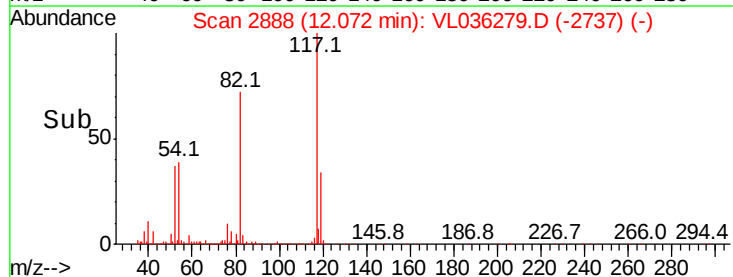
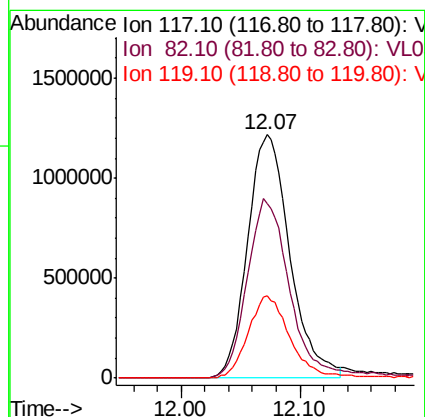
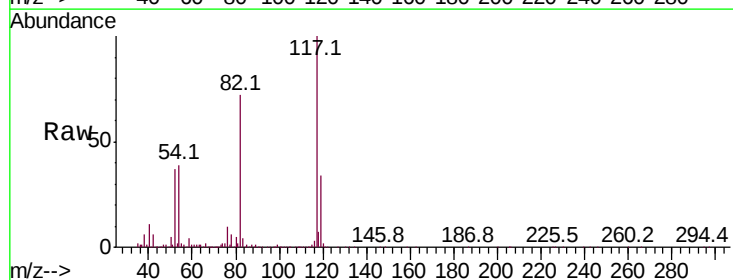
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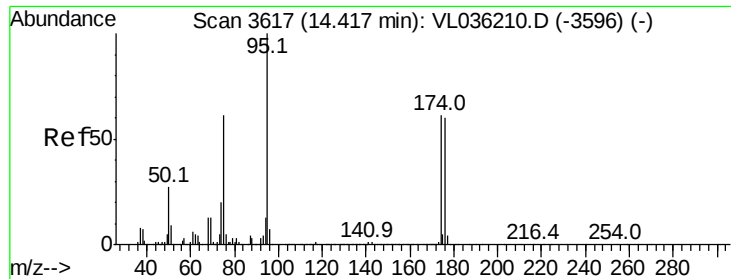
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.01 min
Lab File: VL036279.D
Acq: 28 Jan 2021 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	77.4	59.7	89.5
119	34.6	28.6	43.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.950 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T. -0.01 min
 Lab File: VL036279.D
 Acq: 28 Jan 2021 19:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion: 95 Resp: 2471522
 Ion Ratio Lower Upper
 95 100
 174 65.4 49.4 74.0
 175 4.7 3.8 5.8

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