

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036238.D
 Acq On : 13 Jan 2021 23:44
 Operator : SY/AP
 Sample : M1070-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

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Quant Time: Jan 14 03:09:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jan 13
 QLast Update : Wed Jan 13 07:53:51 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1539037	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3343987	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2994778	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2533178	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	22768	0.250	ppbv #	79
13) Ethanol	3.62	45	39855m	2.086	ppbv	
15) Acetone	3.86	43	126494	0.692	ppbv #	73
20) Methylene Chloride	4.35	84	40629m	0.726	ppbv	
26) Hexane	5.69	57	36620m	0.235	ppbv	

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

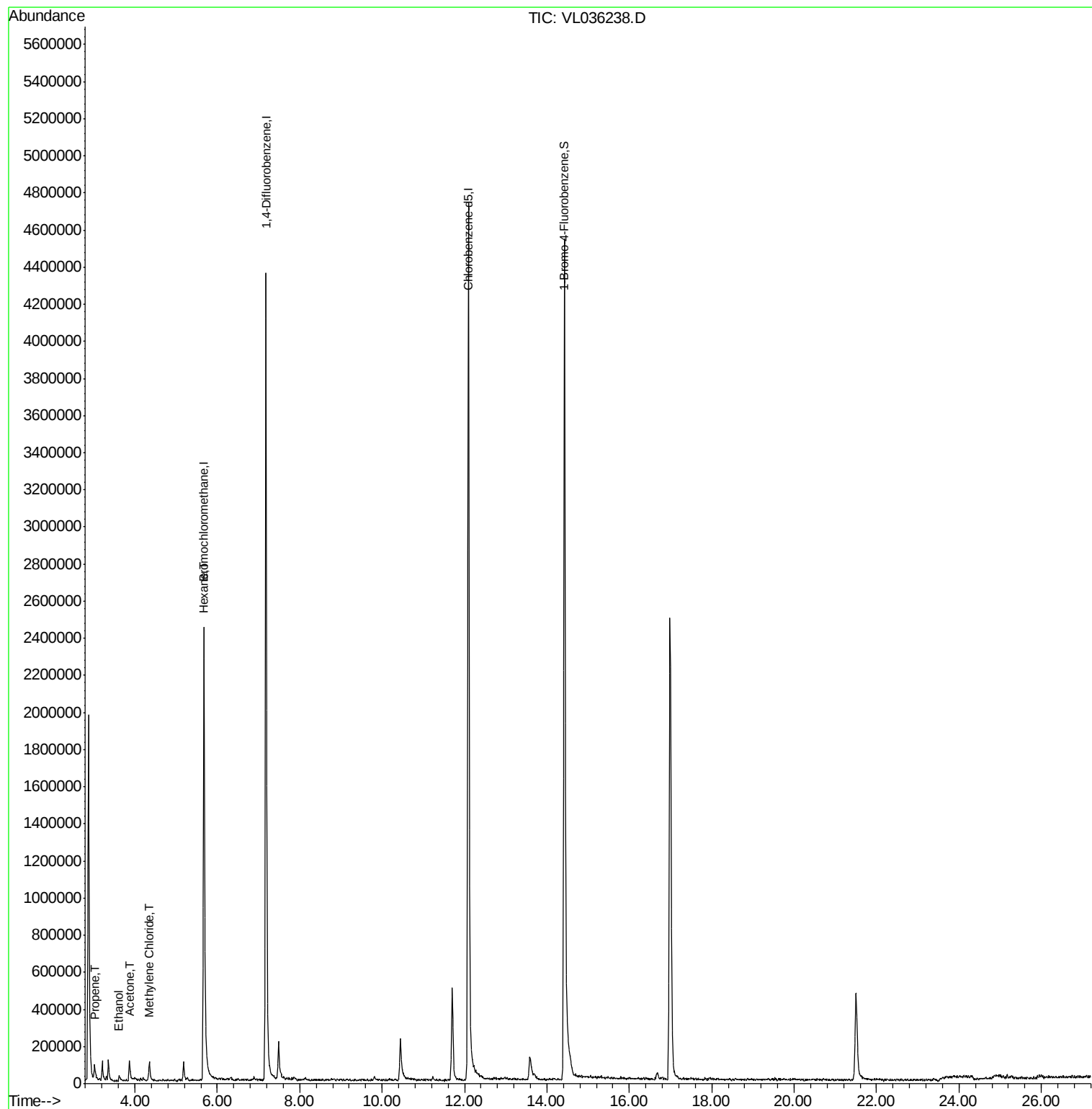
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
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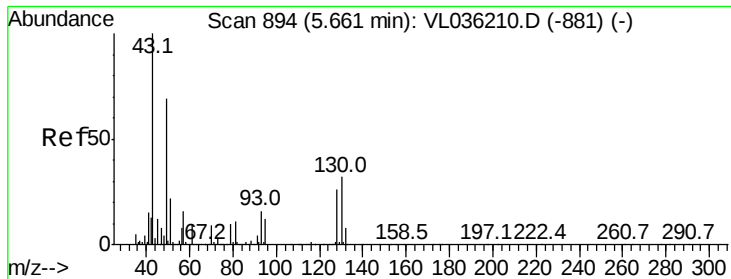
Instrument :
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ClientSampleId :
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Response via : Initial Calibration





#1

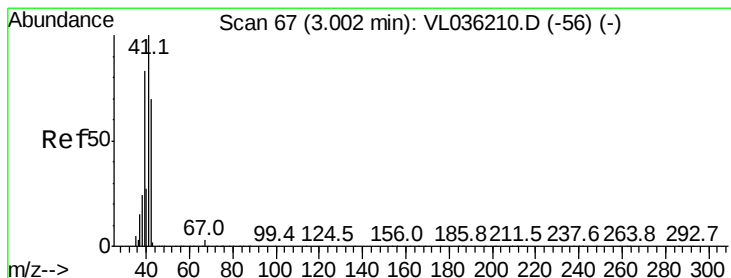
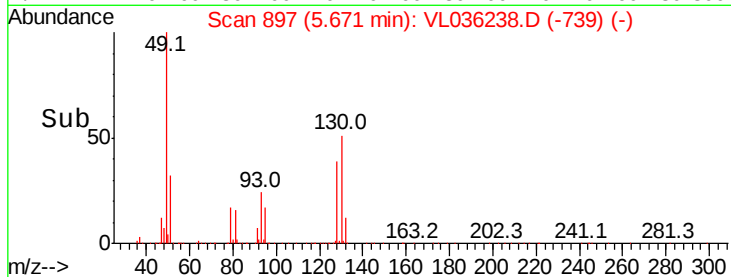
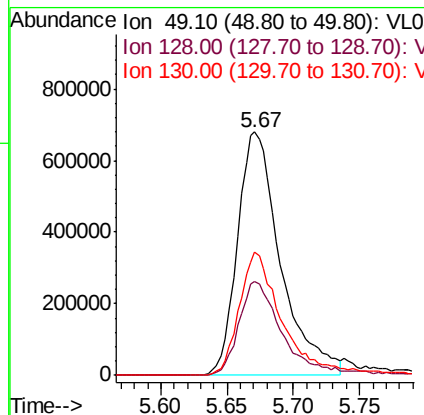
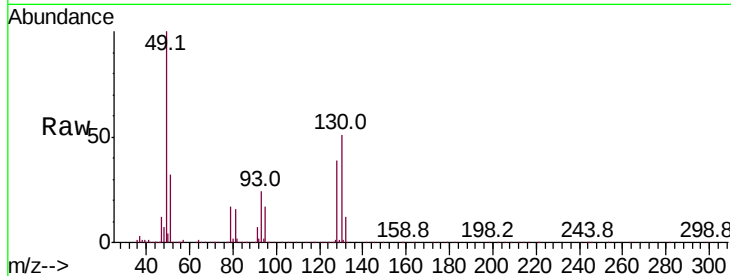
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: VL036238.D
 Acq: 13 Jan 2021 23:44

Instrument :
 MSVOA_L
 ClientSampled :
 IA2DL

Tot Ion: 49 Resp: 1539037
 Ion Ratio Lower Upper
 49 100
 128 39.8 20.1 60.2
 130 51.6 25.3 75.9

Manual Integrations
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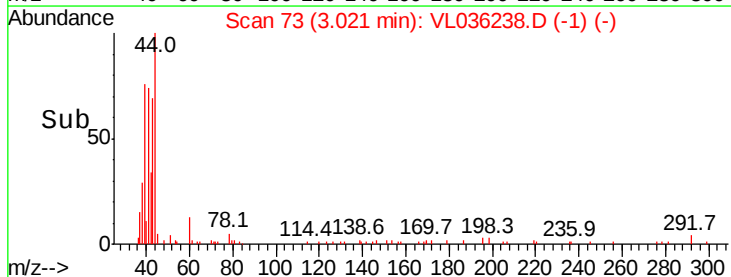
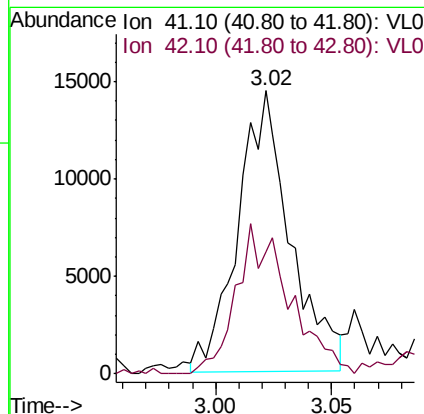
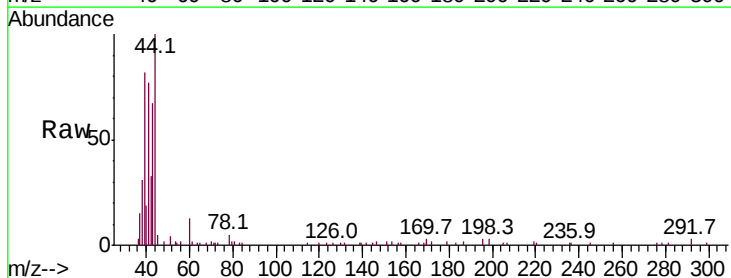
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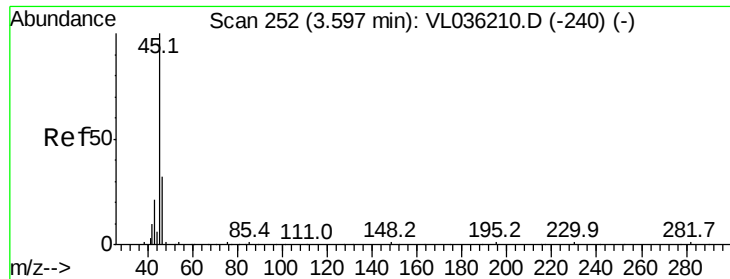


#9

Propene
 Concen: 0.250 ppbv
 RT: 3.02 min Scan# 73
 Delta R.T. 0.02 min
 Lab File: VL036238.D
 Acq: 13 Jan 2021 23:44

Tgt Ion: 41 Resp: 22768
 Ion Ratio Lower Upper
 41 100
 42 54.1 57.1 85.7#





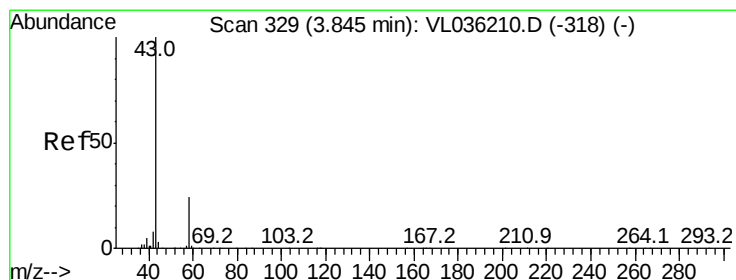
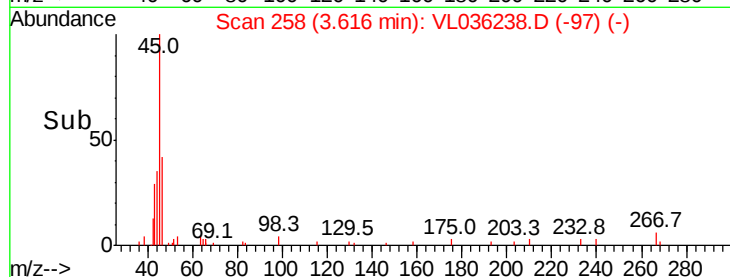
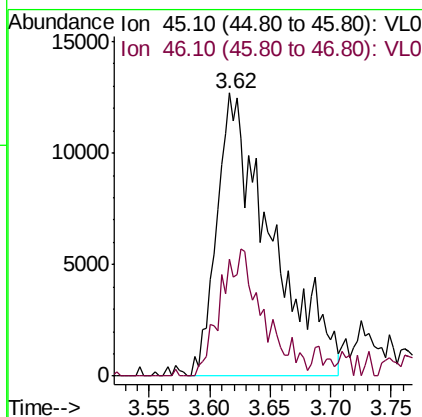
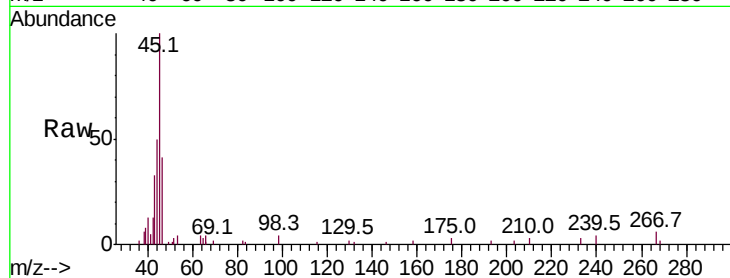
#13
Ethanol
Concen: 2.086 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. 0.02 min
Lab File: VL036238.D
Acq: 13 Jan 2021 23:44

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tot Ion: 45 Resp: 39855
Ion Ratio Lower Upper
45 100
46 0.0 19.2 77.0#

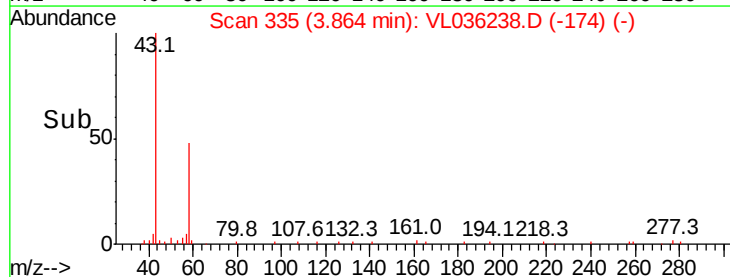
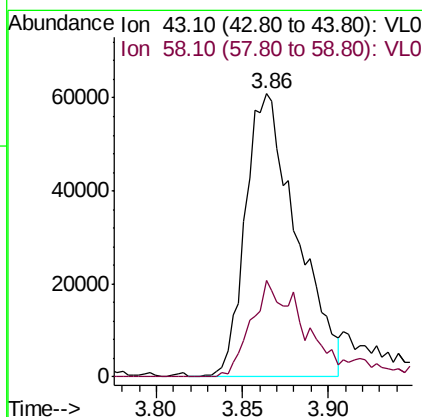
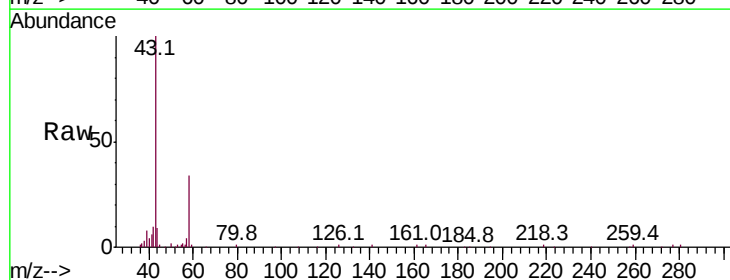
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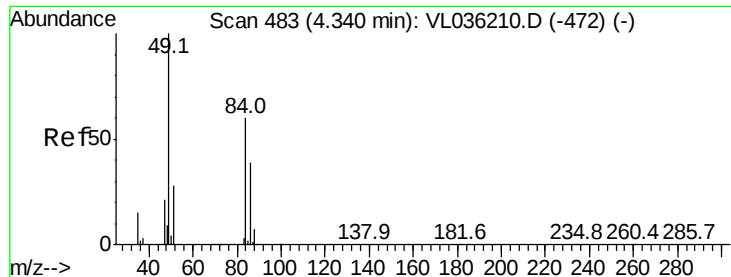
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#15
Acetone
Concen: 0.692 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.02 min
Lab File: VL036238.D
Acq: 13 Jan 2021 23:44

Tgt Ion: 43 Resp: 126494
Ion Ratio Lower Upper
43 100
58 40.0 20.9 31.3#





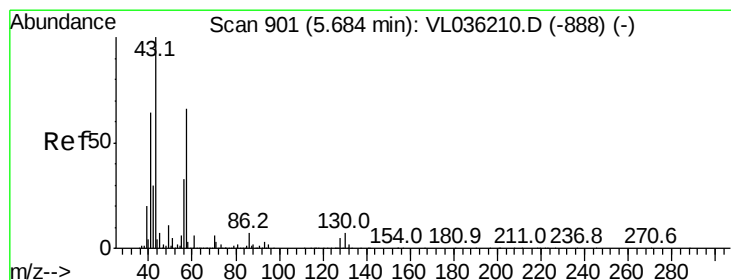
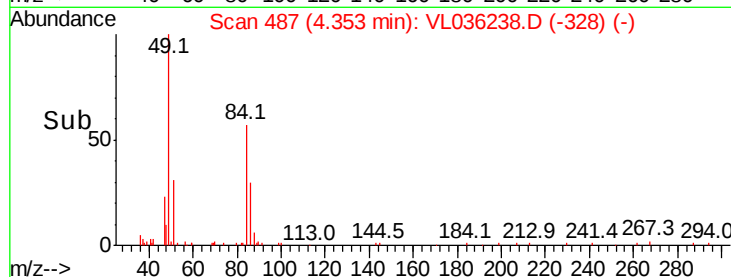
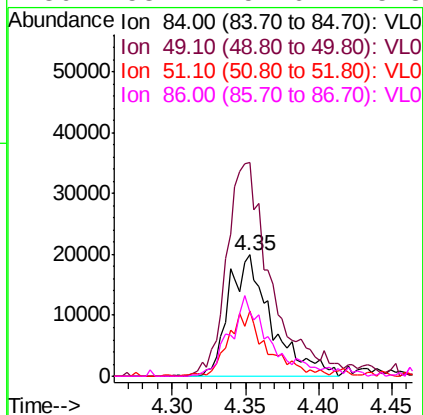
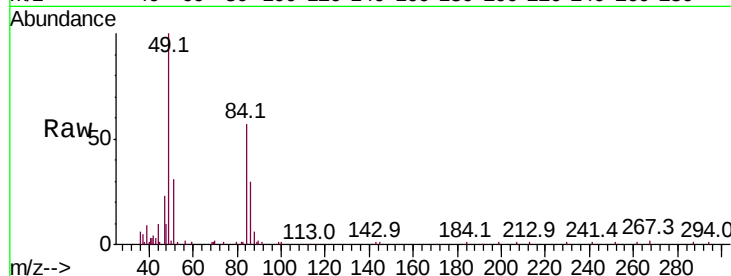
#20
Methvlene Chloride
Concen: 0.726 ppbv m
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036238.D
Acq: 13 Jan 2021 23:44

Instrument :
MSVOA_L
ClientSampled :
IA2DL

Tot Ion:	84	Resp:	40629
Ion	Ratio	Lower	Upper
84	100		
49	175.9	134.1	201.1
51	53.7	37.4	56.0
86	53.2	52.6	78.8

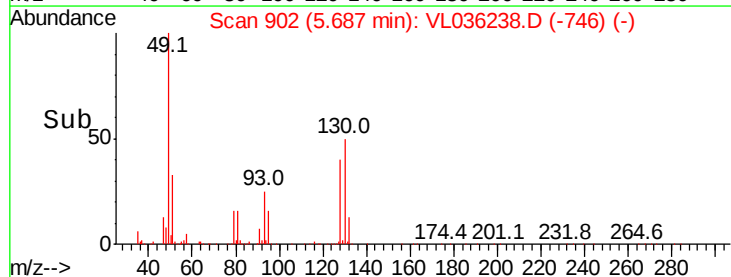
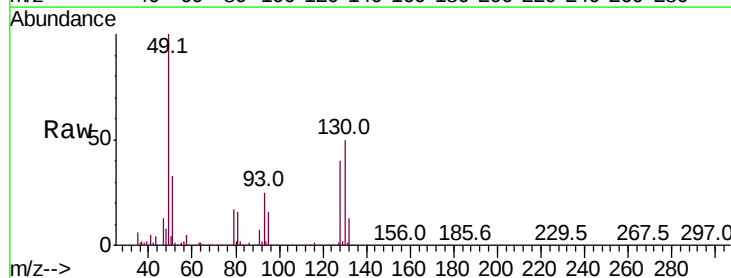
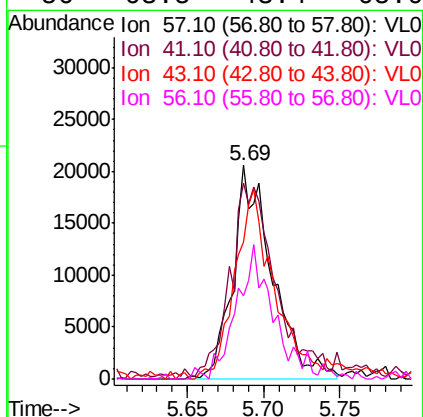
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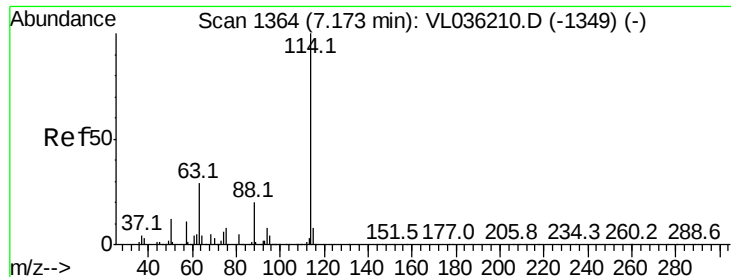
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#26
Hexane
Concen: 0.235 ppbv m
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL036238.D
Acq: 13 Jan 2021 23:44

Tgt Ion:	57	Resp:	36620
Ion	Ratio	Lower	Upper
57	100		
41	0.0	83.0	124.6#
43	98.3	202.4	303.6#
56	63.5	43.4	65.0





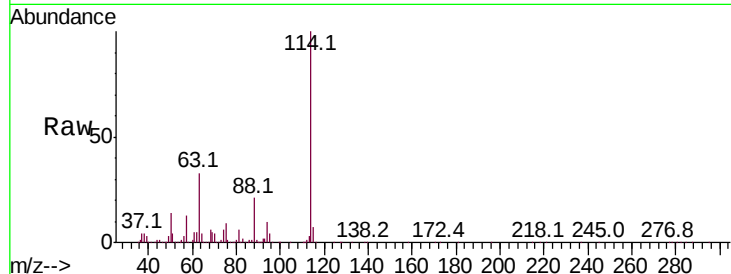
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VL036238.D
Acq: 13 Jan 2021 23:44

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.8	24.7	37.1
88	20.6	16.6	24.8

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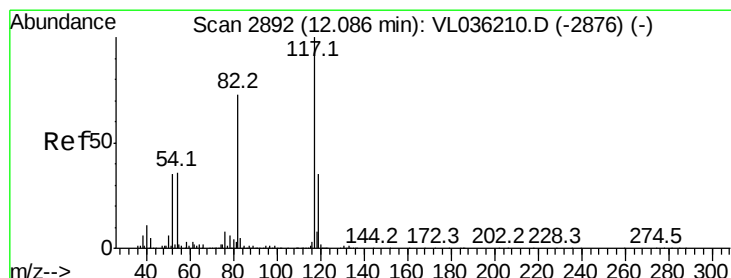
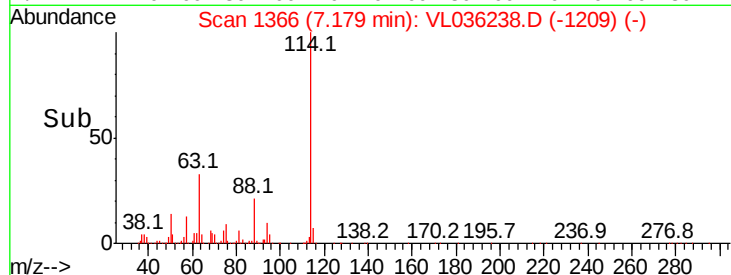
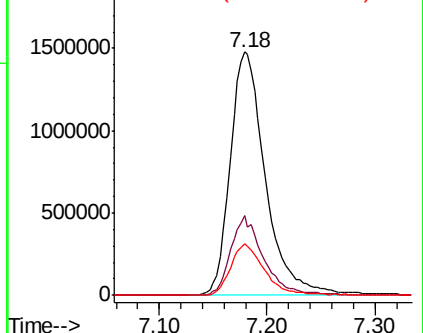
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Abundance Ion 114.10 (113.80 to 114.80): V

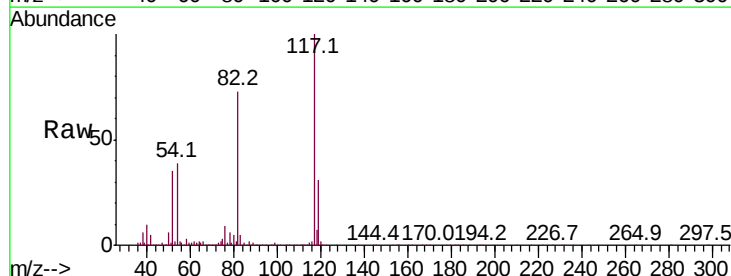
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.01 min
Lab File: VL036238.D
Acq: 13 Jan 2021 23:44

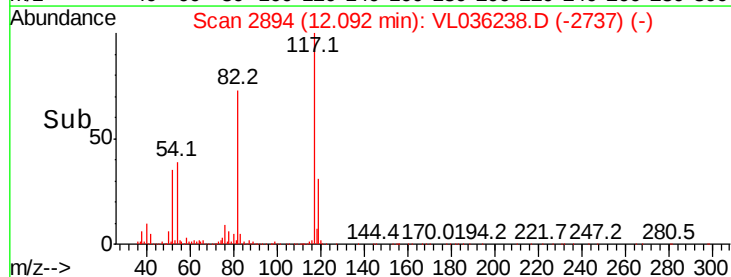
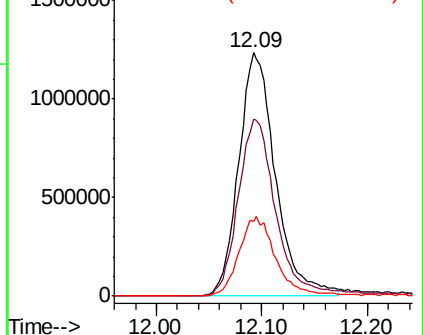
Tgt Ion	Ratio	Lower	Upper
117	100		
82	77.0	59.7	89.5
119	32.7	28.6	43.0

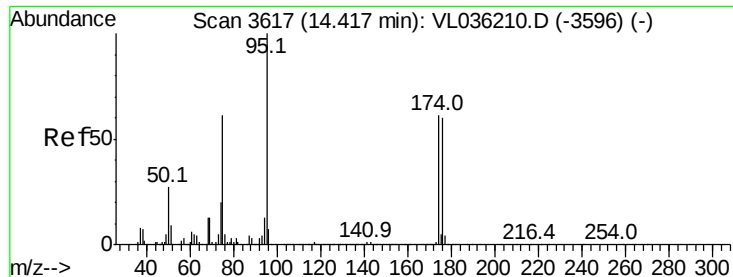


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.219 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.01 min

Lab File: VL036238.D

Acq: 13 Jan 2021 23:44

Instrument :

MSVOA_L

ClientSampleId :

IA2DL

Tot Ion: 95 Resp: 2533178

Ion Ratio Lower Upper

95 100

174 61.9 49.4 74.0

175 4.7 3.8 5.8

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