

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036197.D
 Acq On : 23 Dec 2020 18:11
 Operator : SY/AP
 Sample : L5196-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG2DL

Manual Integrations
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Quant Time: Dec 24 05:49:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1212878	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2467844	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2218265	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1861061	10.57	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	11020m	0.159	ppbv	
13) Ethanol	3.60	45	24878m	2.603	ppbv	
15) Acetone	3.84	43	62950m	0.432	ppbv	
20) Methylene Chloride	4.32	84	54536	0.913	ppbv #	80
26) Hexane	5.66	57	115070	0.878	ppbv #	40

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

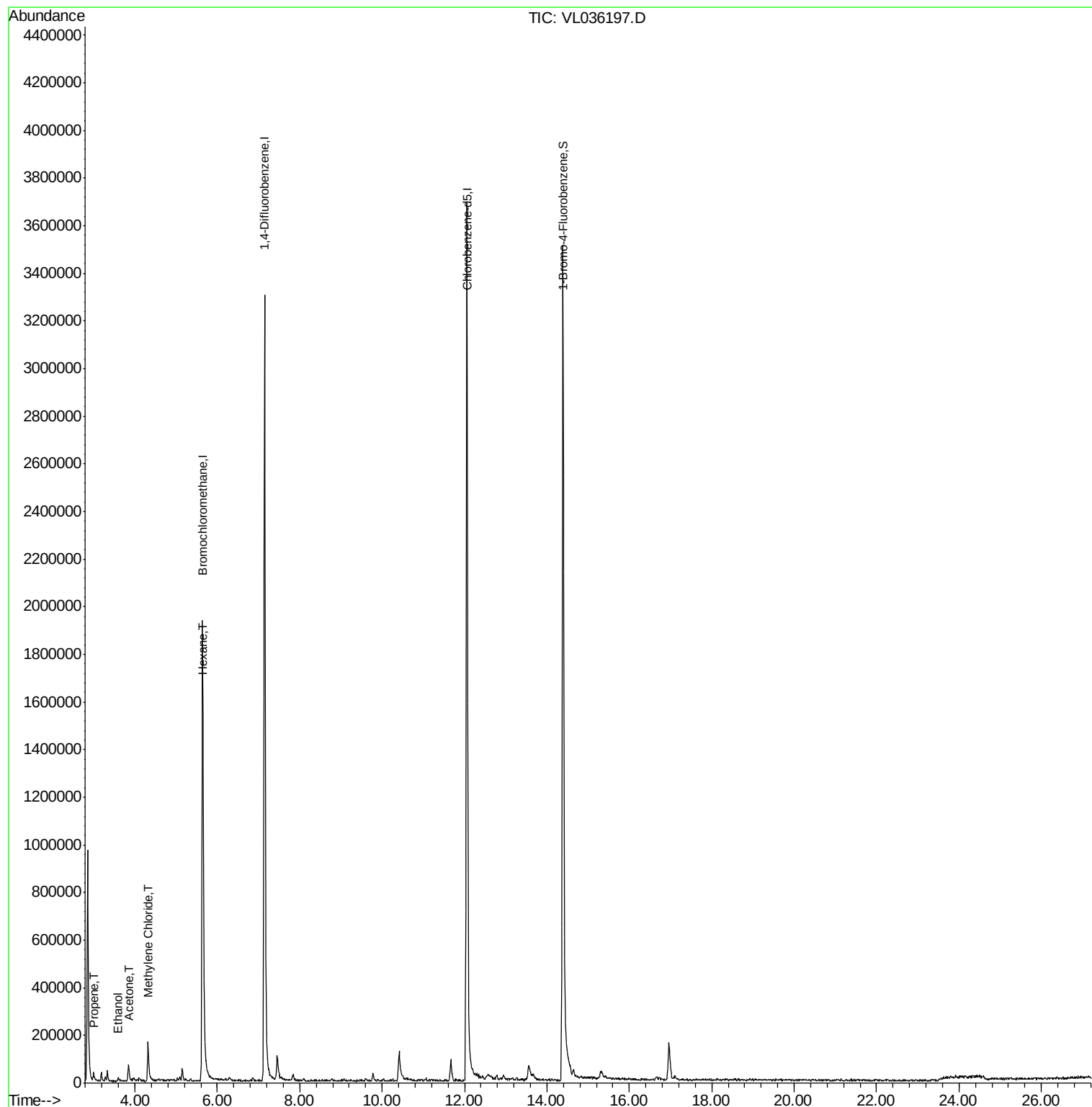
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL122320\
Data File : VL036197.D
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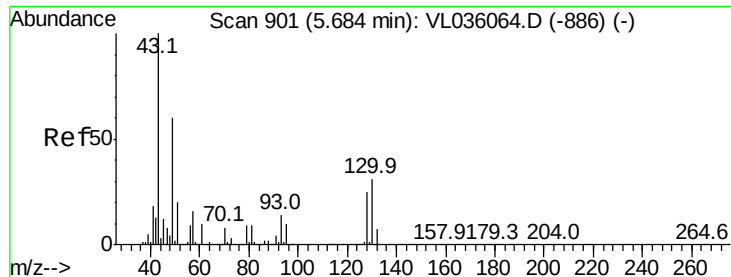
Instrument :
MSVOA_L
ClientSampleId :
SSSG2DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.04 min

Lab File: VL036197.D

Acq: 23 Dec 2020 18:11

Instrument :

MSVOA_L

ClientSampleID :

SSSG2DL

Tot Ion: 49 Resp: 1212878

Ion Ratio Lower Upper

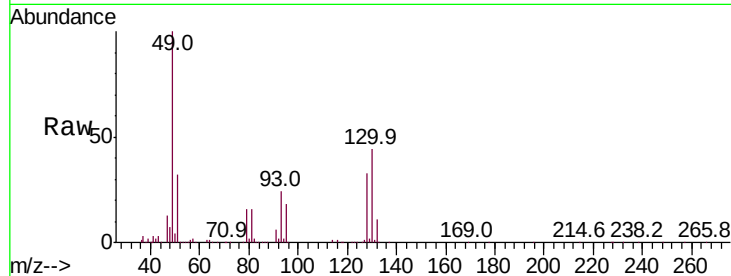
49 100

128 36.2 21.1 63.1

130 46.6 27.1 81.3

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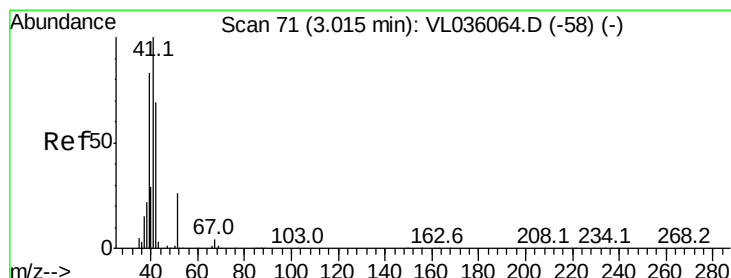
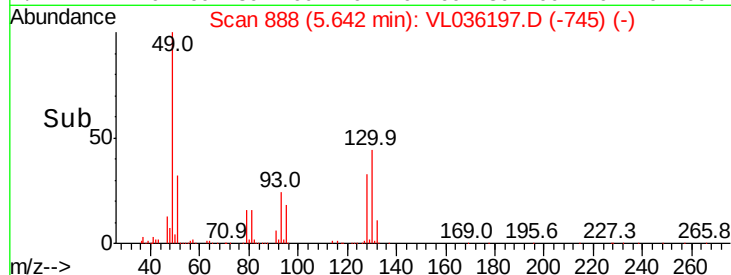
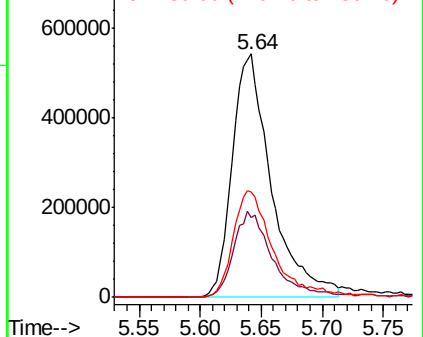
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.159 ppbv m

RT: 2.99 min Scan# 64

Delta R.T. -0.02 min

Lab File: VL036197.D

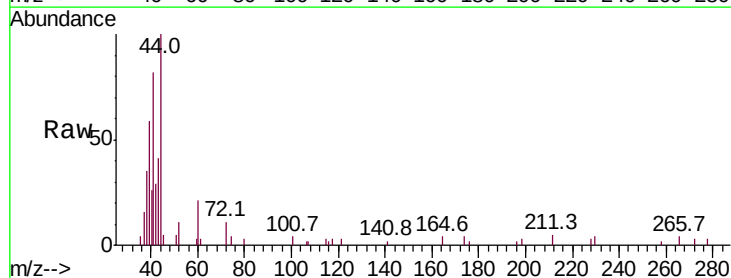
Acq: 23 Dec 2020 18:11

Tgt Ion: 41 Resp: 11020

Ion Ratio Lower Upper

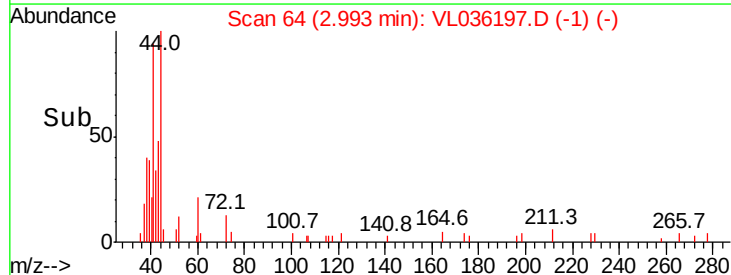
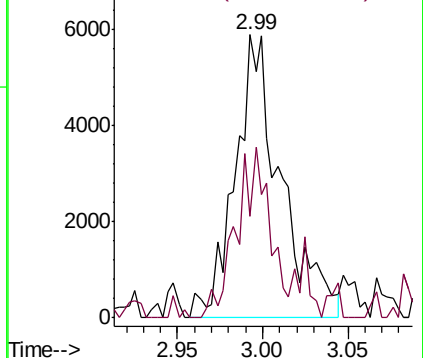
41 100

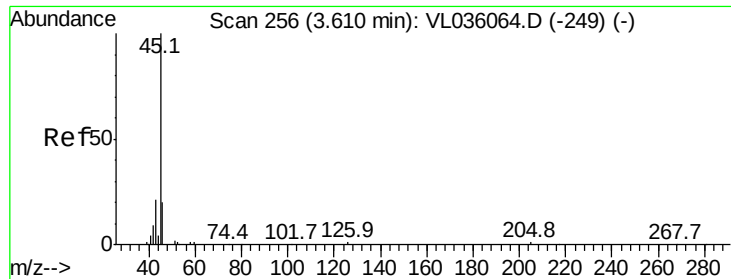
42 54.6 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





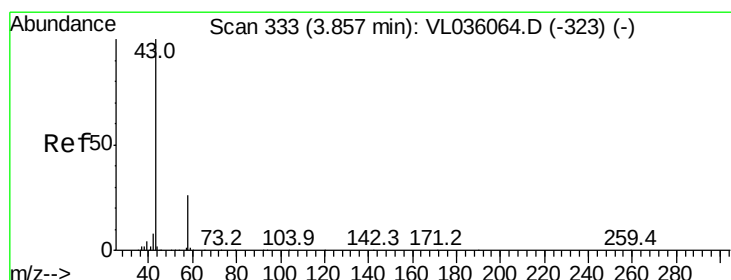
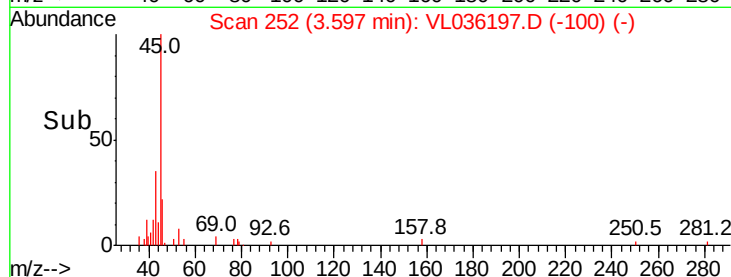
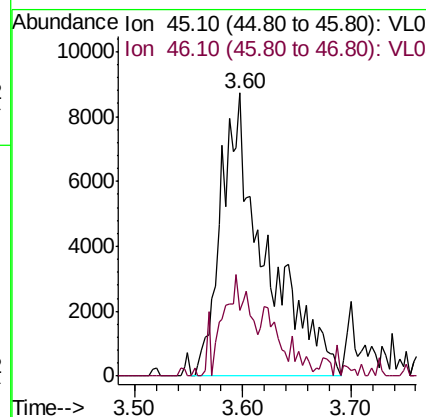
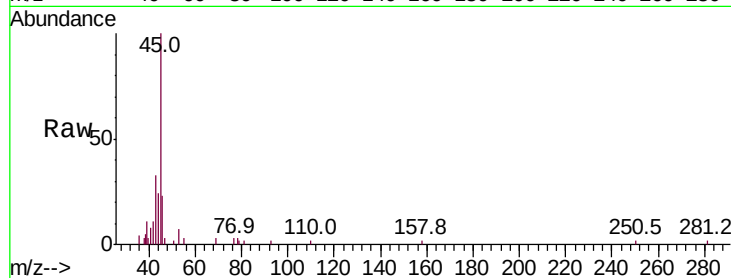
#13
Ethanol
Concen: 2.603 ppbv m
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL036197.D
Acq: 23 Dec 2020 18:11

Instrument :
MSVOA_L
ClientSampleID :
SSSG2DL

Tot Ion: 45 Resp: 24878
Ion Ratio Lower Upper
45 100
46 0.0 19.0 75.8#

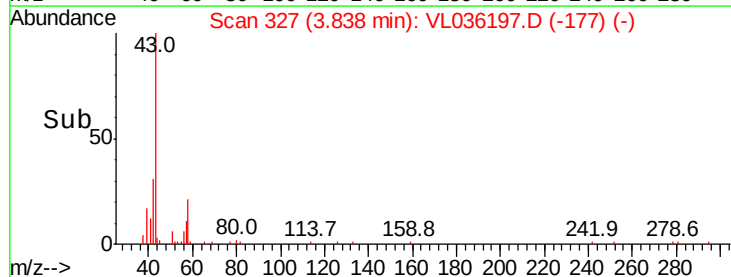
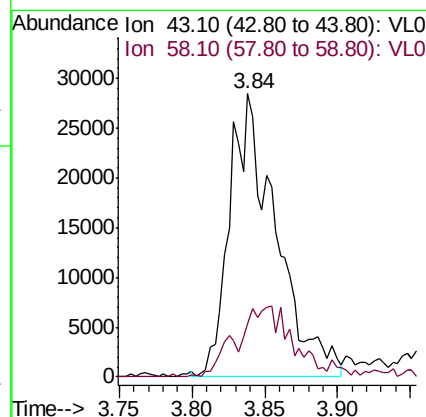
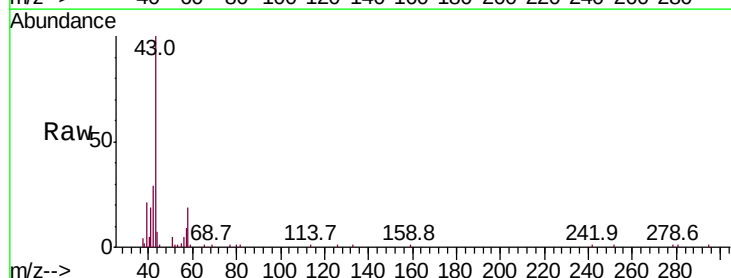
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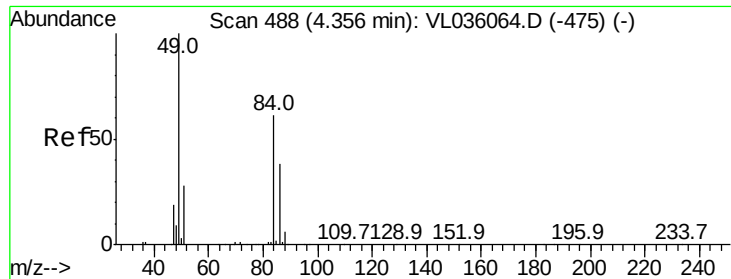
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#15
Acetone
Concen: 0.432 ppbv m
RT: 3.84 min Scan# 327
Delta R.T. -0.02 min
Lab File: VL036197.D
Acq: 23 Dec 2020 18:11

Tgt Ion: 43 Resp: 62950
Ion Ratio Lower Upper
43 100
58 0.0 20.9 31.3#





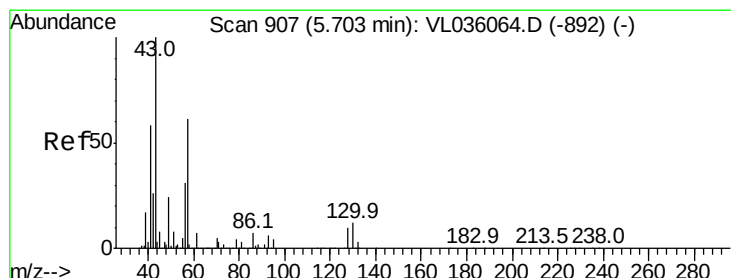
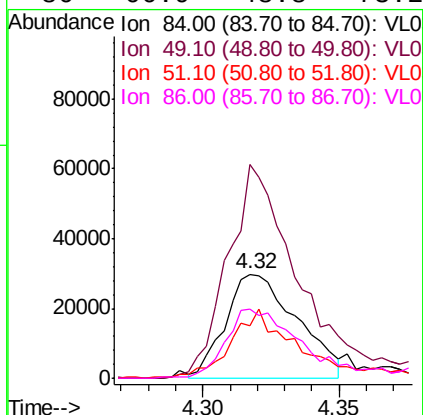
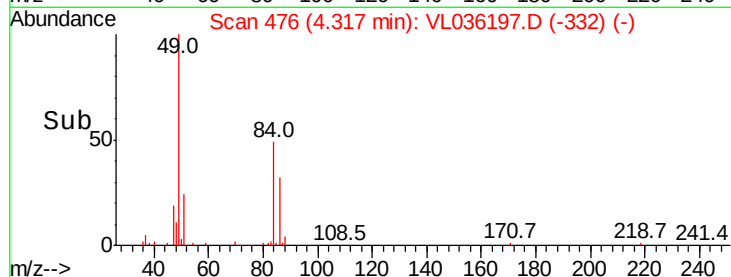
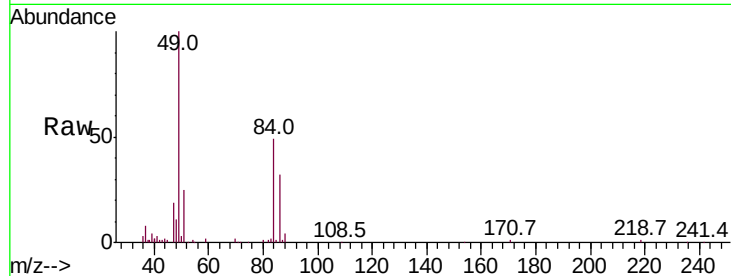
#20
Methvlene Chloride
Concen: 0.913 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.04 min
Lab File: VL036197.D
Acq: 23 Dec 2020 18:11

Instrument :
MSVOA_L
ClientSampleId :
SSSG2DL

Tot Ion	84	Resp	54536
Ion	Ratio	Lower	Upper
84	100		
49	206.9	133.0	199.4#
51	49.5	38.9	58.3
86	66.9	48.8	73.2

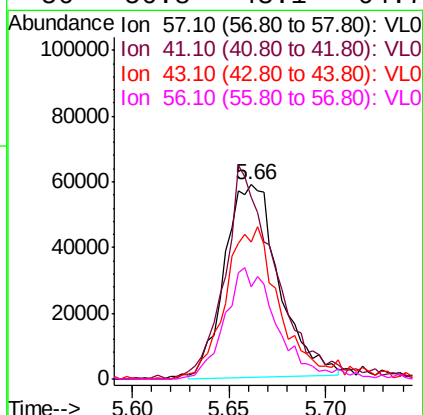
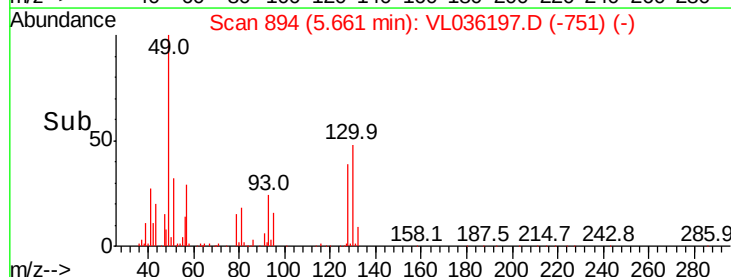
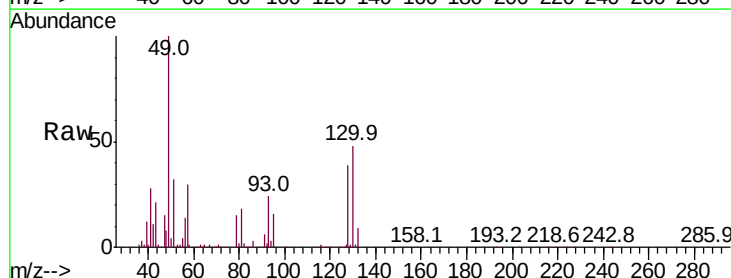
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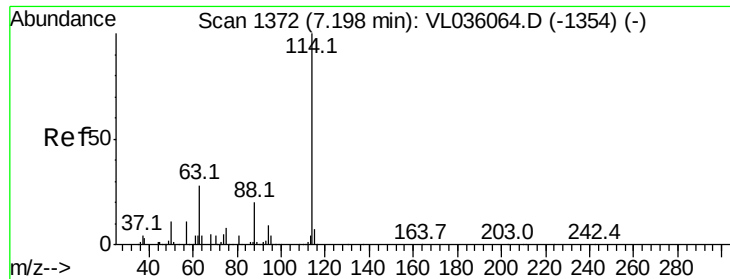
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#26
Hexane
Concen: 0.878 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.04 min
Lab File: VL036197.D
Acq: 23 Dec 2020 18:11

Tgt Ion	57	Resp	115070
Ion	Ratio	Lower	Upper
57	100		
41	106.7	82.9	124.3
43	82.0	199.9	299.9#
56	56.8	43.1	64.7





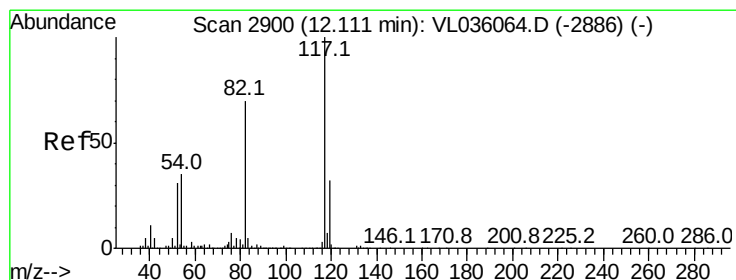
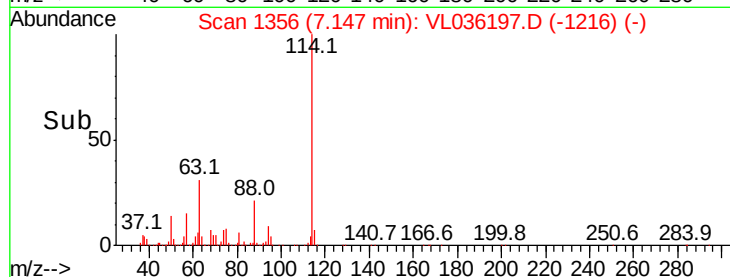
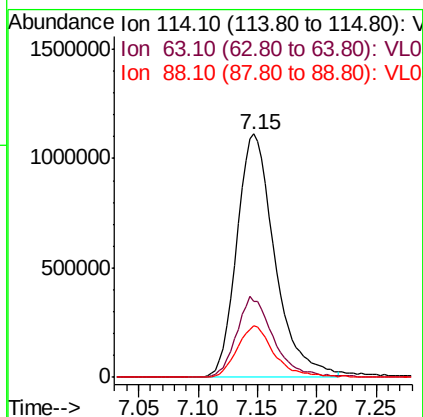
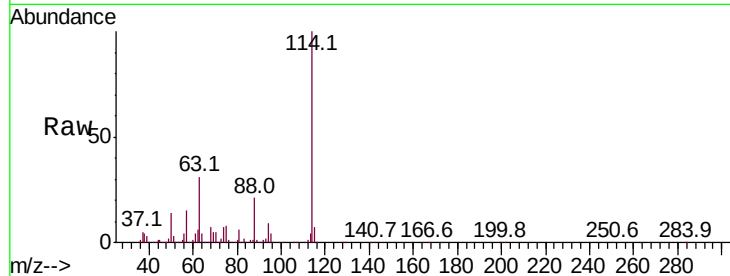
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.05 min
 Lab File: VL036197.D
 Acq: 23 Dec 2020 18:11

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	32.5	23.6	35.4
88	21.1	15.8	23.6

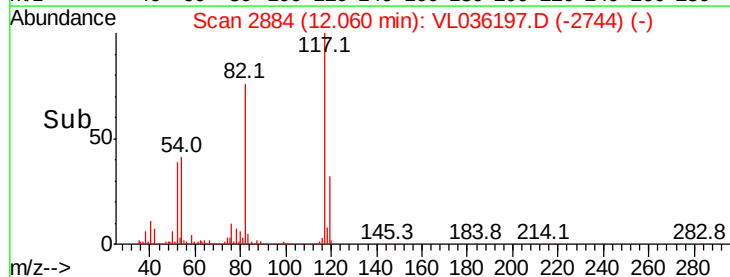
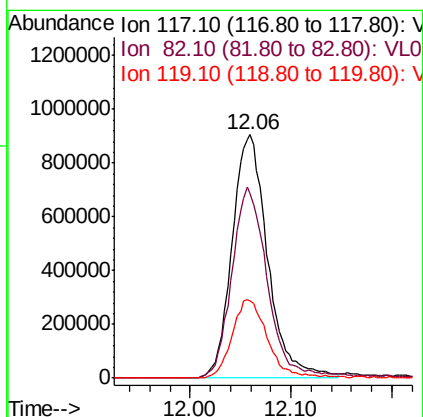
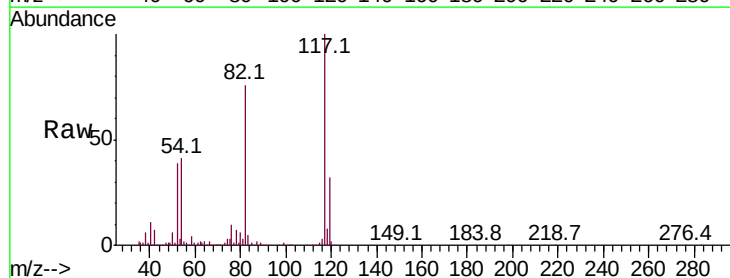
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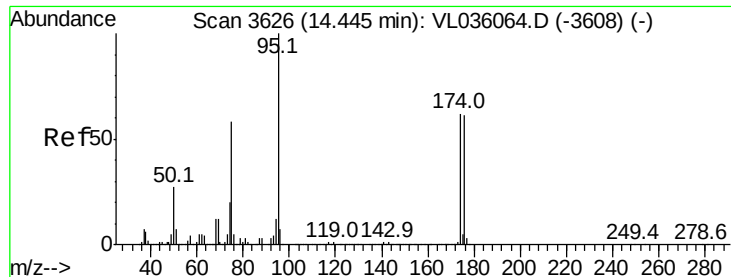
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2884
 Delta R.T. -0.05 min
 Lab File: VL036197.D
 Acq: 23 Dec 2020 18:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	80.4	0.0	0.0#
119	33.1	0.0	0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.566 ppbv
 RT: 14.39 min Scan# 3609
 Delta R.T. -0.05 min
 Lab File: VL036197.D
 Acq: 23 Dec 2020 18:11

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	57.4	50.7	76.1
175	4.1	4.0	6.0

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