

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
 Data File : VL036169.D
 Acq On : 16 Dec 2020 16:42
 Operator : SY/AP
 Sample : L5082-02DL 40X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

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 12/17/2020 3:55:58 PM

Quant Time: Dec 17 06:29:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 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	5.65	49	1294937	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2762090	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2492708	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2141699	10.82	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	8814m	0.119	ppbv	
13) Ethanol	3.61	45	4195m	0.411	ppbv	
15) Acetone	3.85	43	53323m	0.343	ppbv	
20) Methylene Chloride	4.33	84	22097m	0.346	ppbv	
26) Hexane	5.67	57	121228	0.866	ppbv #	39
52) Tetrachloroethene	11.21	164	3881m	0.046	ppbv	

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

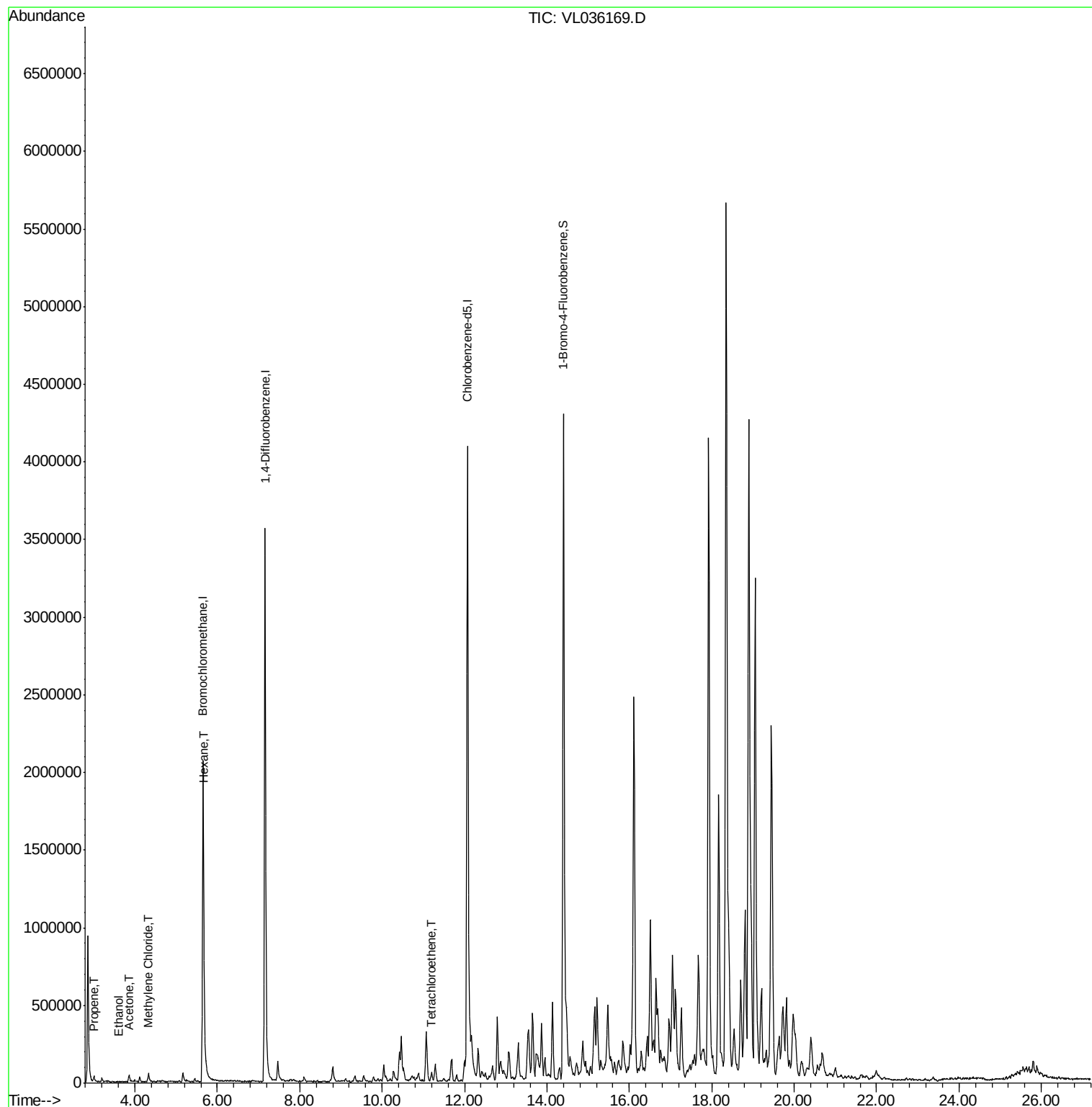
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
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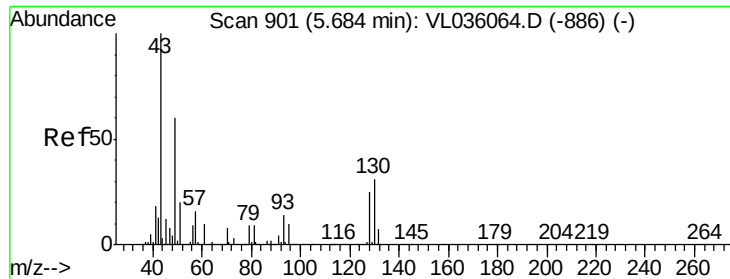
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

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Quant Time: Dec 17 06:29:04 2020
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: 5.65 min Scan# 890

Delta R.T. -0.04 min

Lab File: VL036169.D

Acq: 16 Dec 2020 16:42

Instrument :

MSVOA_L

ClientSampleId :

SV2DL

Tgt Ion: 49 Resp: 1294937

Ion Ratio Lower Upper

49 100

128 38.0 21.1 63.1

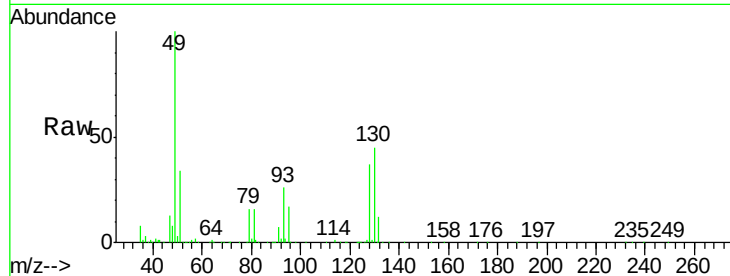
130 48.2 27.1 81.3

Manual Integrations

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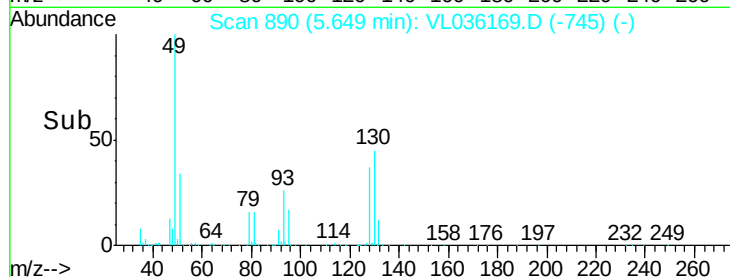
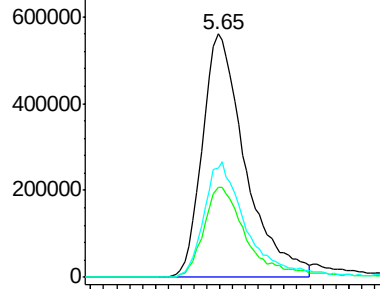
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.119 ppbv m

RT: 3.01 min Scan# 68

Delta R.T. -0.01 min

Lab File: VL036169.D

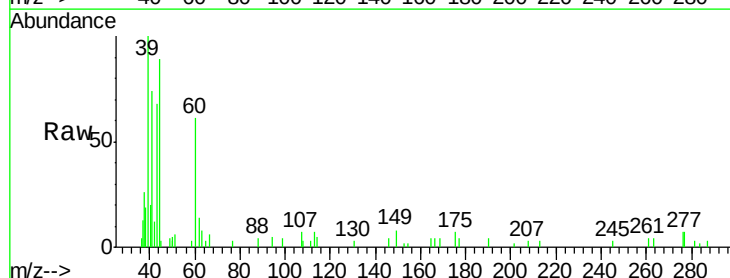
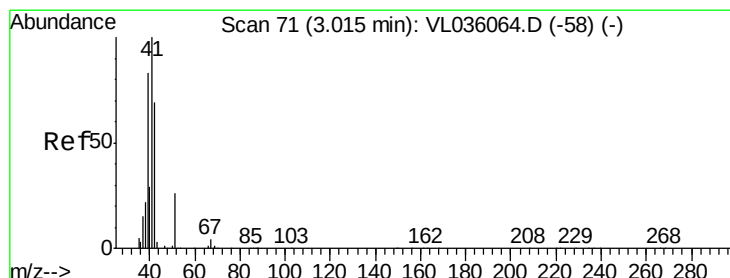
Acq: 16 Dec 2020 16:42

Tgt Ion: 41 Resp: 8814

Ion Ratio Lower Upper

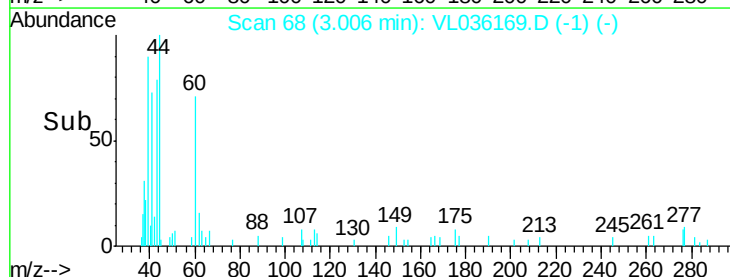
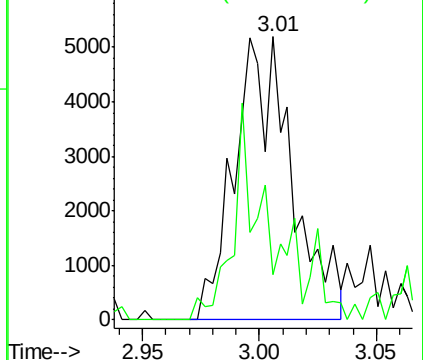
41 100

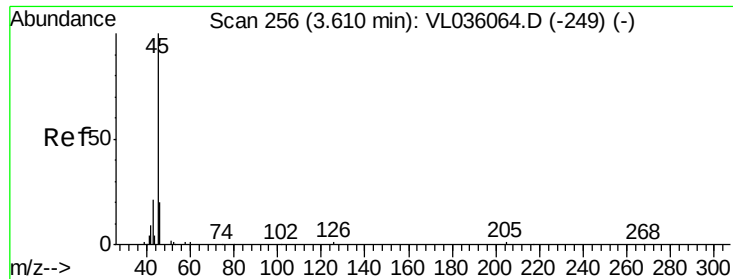
42 51.1 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





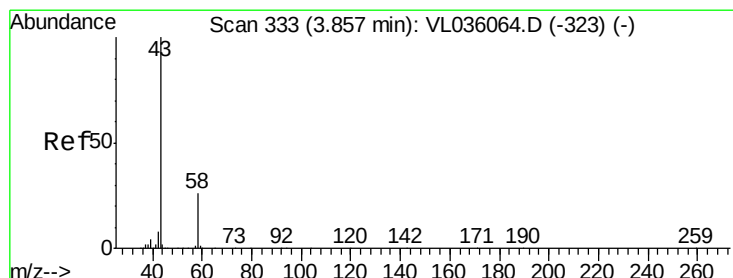
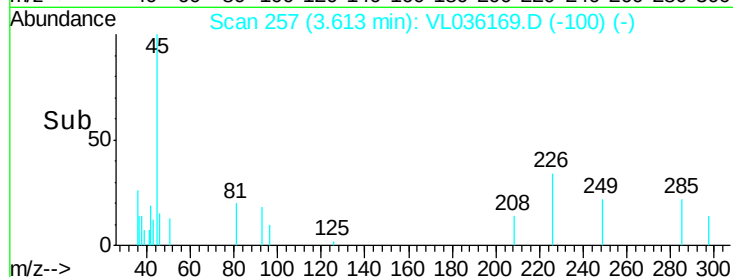
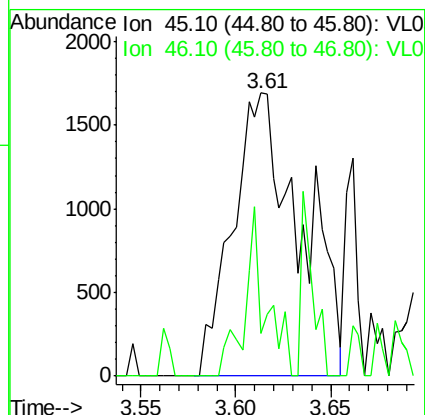
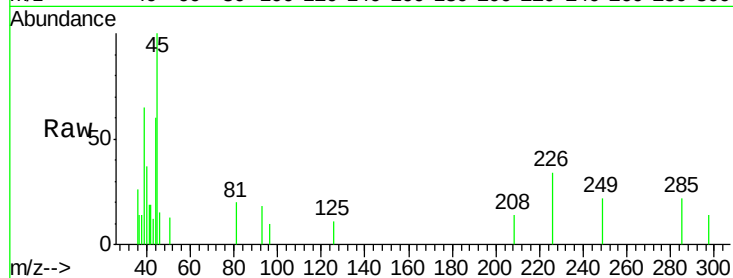
#13
Ethanol
Concen: 0.411 ppbv m
RT: 3.61 min Scan# 257
Delta R.T. 0.00 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 45 Resp: 4195
Ion Ratio Lower Upper
45 100
46 2.1 19.0 75.8#

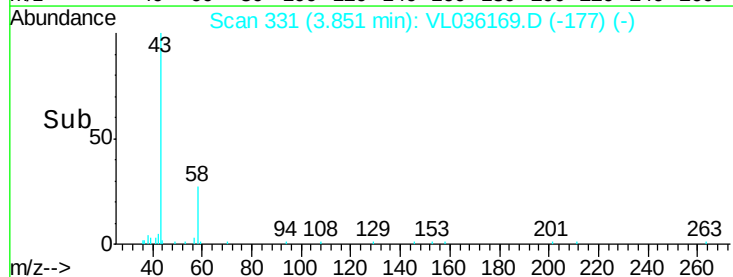
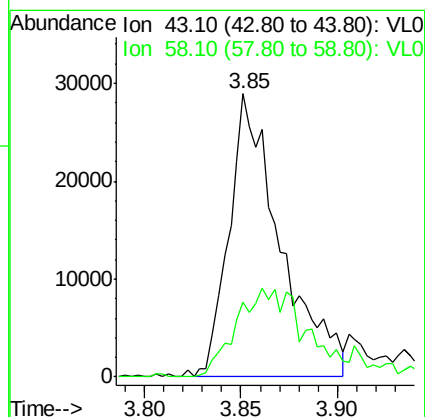
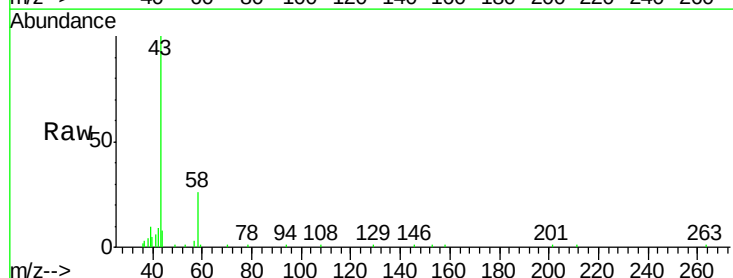
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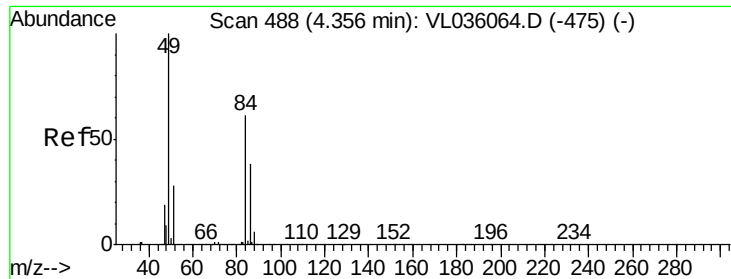
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#15
Acetone
Concen: 0.343 ppbv m
RT: 3.85 min Scan# 331
Delta R.T. -0.01 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Tgt Ion: 43 Resp: 53323
Ion Ratio Lower Upper
43 100
58 0.0 20.9 31.3#





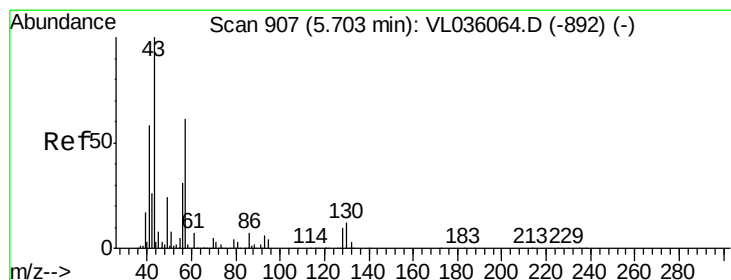
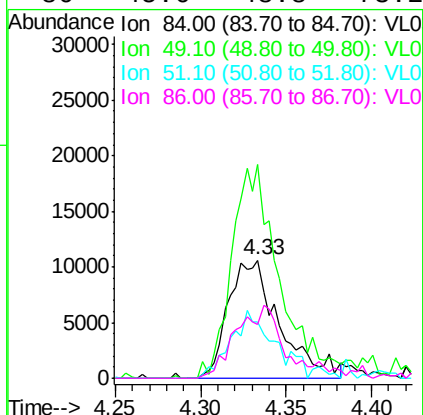
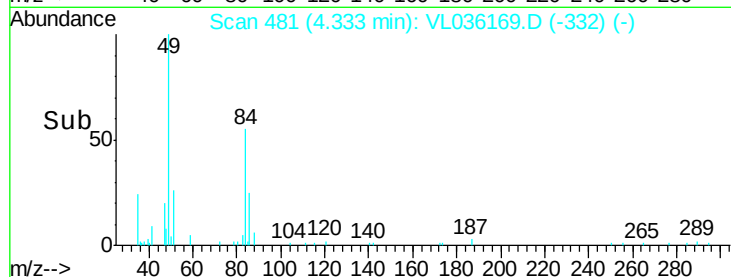
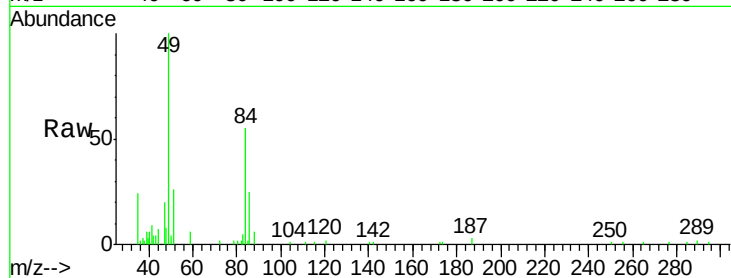
#20
Methylene Chloride
Concen: 0.346 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Instrument :
MSVOA_L
ClientSampled :
SV2DL

Tgt Ion	Ratio	Lower	Upper
84	100		
49	180.9	133.0	199.4
51	47.3	38.9	58.3
86	45.6	48.8	73.2

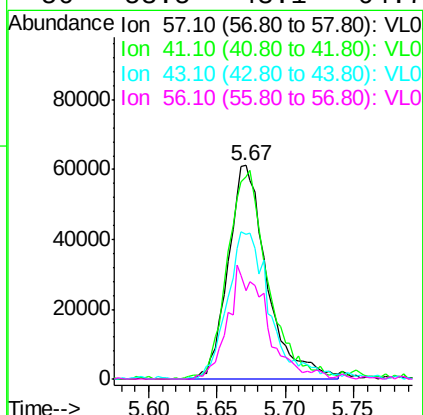
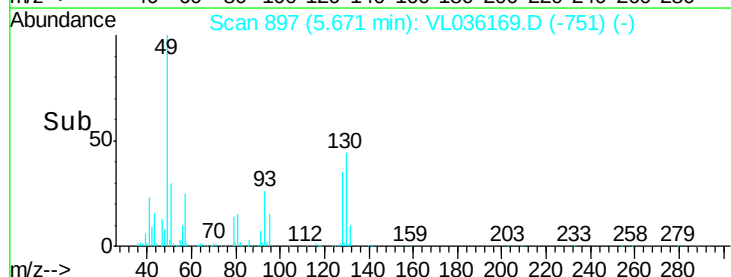
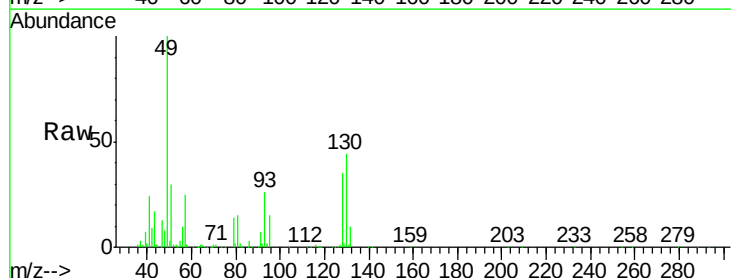
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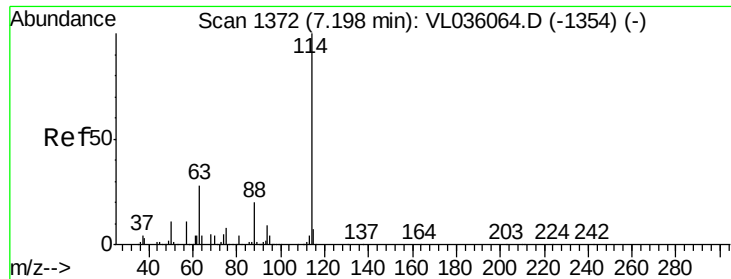
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#26
Hexane
Concen: 0.866 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.03 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Tgt Ion	Ratio	Lower	Upper
57	100		
41	101.7	82.9	124.3
43	76.9	199.9	299.9
56	53.5	43.1	64.7





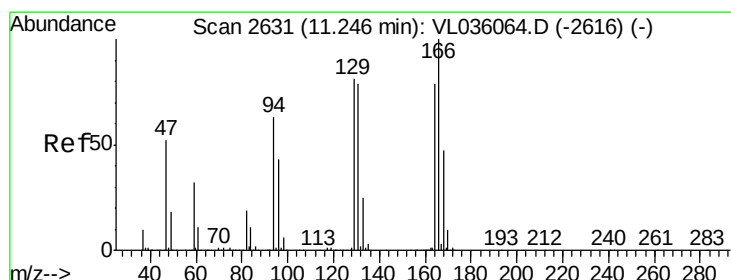
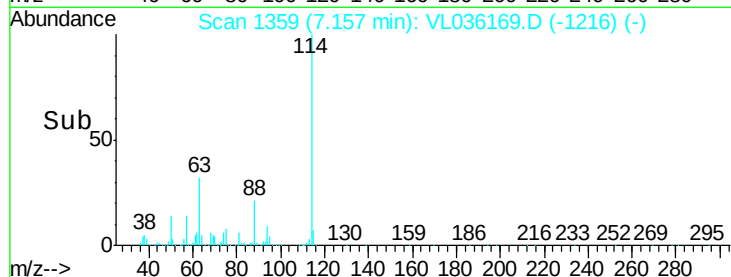
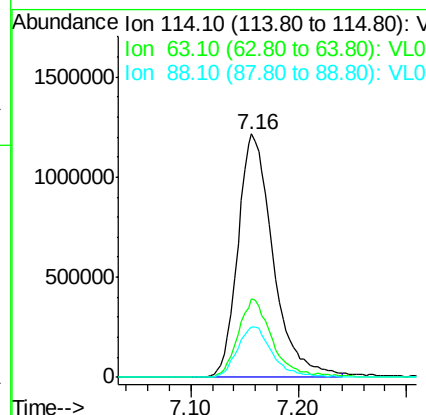
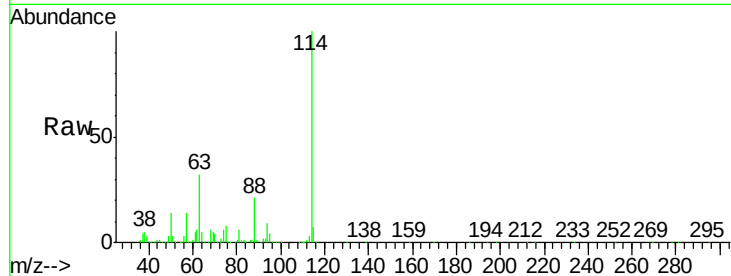
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.04 min
 Lab File: VL036169.D
 Acq: 16 Dec 2020 16:42

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Tgt Ion:114 Resp: 2762090
 Ion Ratio Lower Upper
 114 100
 63 32.0 23.6 35.4
 88 21.0 15.8 23.6

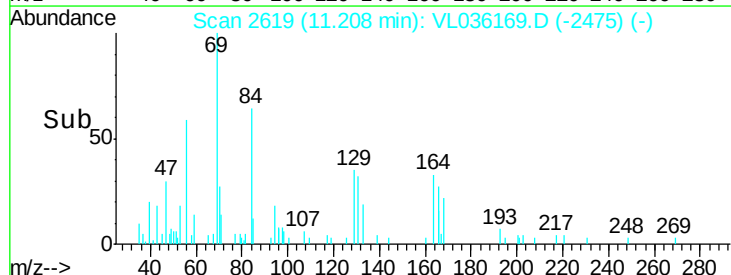
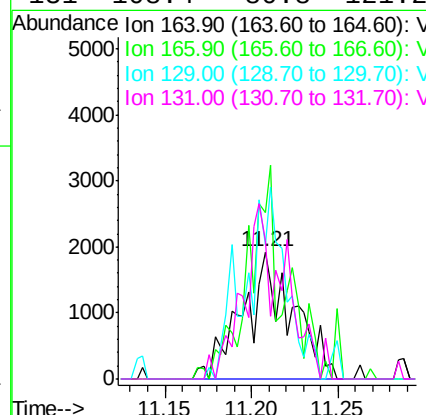
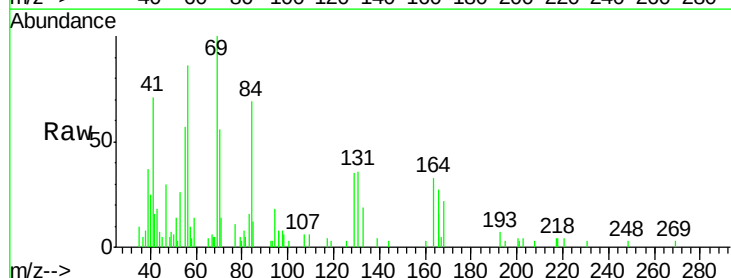
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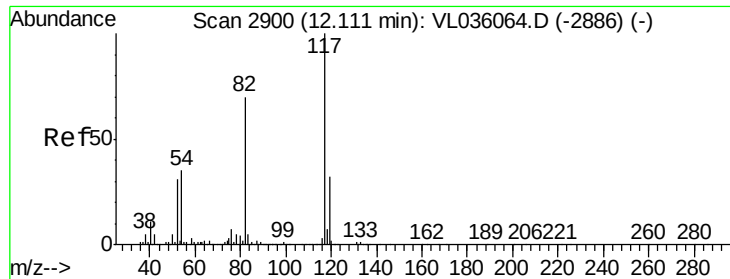
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#52
 Tetrachloroethene
 Concen: 0.046 ppbv m
 RT: 11.21 min Scan# 2619
 Delta R.T. -0.04 min
 Lab File: VL036169.D
 Acq: 16 Dec 2020 16:42

Tgt Ion:164 Resp: 3881
 Ion Ratio Lower Upper
 164 100
 166 82.1 101.9 152.9#
 129 105.8 82.1 123.1
 131 108.4 80.8 121.2





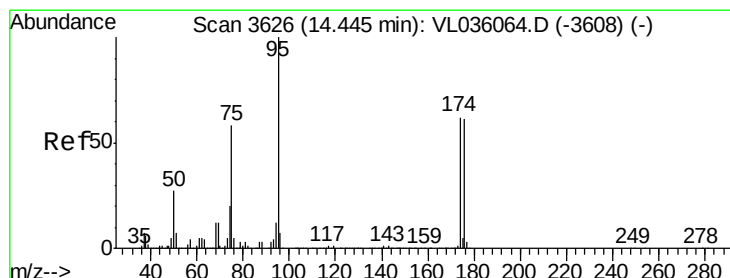
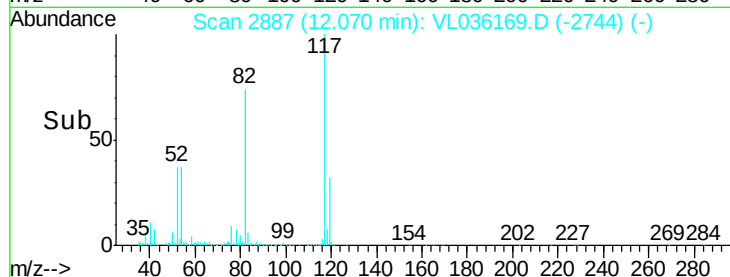
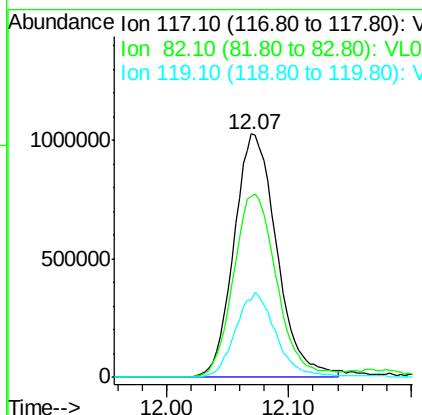
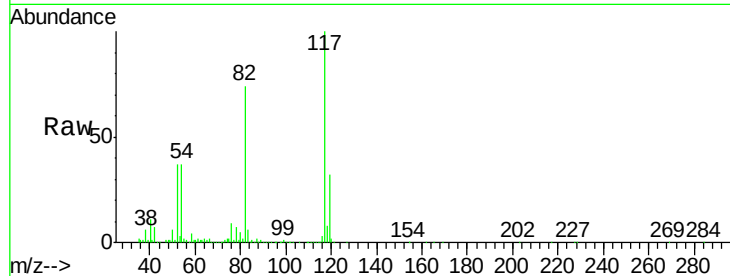
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.04 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Instrument :
MSVOA_L
ClientSampleID :
SV2DL

Tgt Ion: 117 Resp: 2492708
Ion Ratio Lower Upper
117 100
82 76.7 0.0 0.0#
119 33.8 0.0 0.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.820 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.04 min
Lab File: VL036169.D
Acq: 16 Dec 2020 16:42

Tgt Ion: 95 Resp: 2141699
Ion Ratio Lower Upper
95 100
174 57.4 50.7 76.1
175 4.3 4.0 6.0

