

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
 Data File : VL036172.D
 Acq On : 16 Dec 2020 18:37
 Operator : SY/AP
 Sample : L5041-02 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Manual Integrations
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 12/17/2020 3:56:05 PM

Quant Time: Dec 17 06:44:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	1341469	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2662569	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.08	117	2398415	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2126612	11.17	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	10711m	0.140	ppbv	
13) Ethanol	3.61	45	17201m	1.627	ppbv	
15) Acetone	3.85	43	73064m	0.453	ppbv	
20) Methylene Chloride	4.33	84	29470m	0.446	ppbv	
26) Hexane	5.67	57	28798m	0.199	ppbv	

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

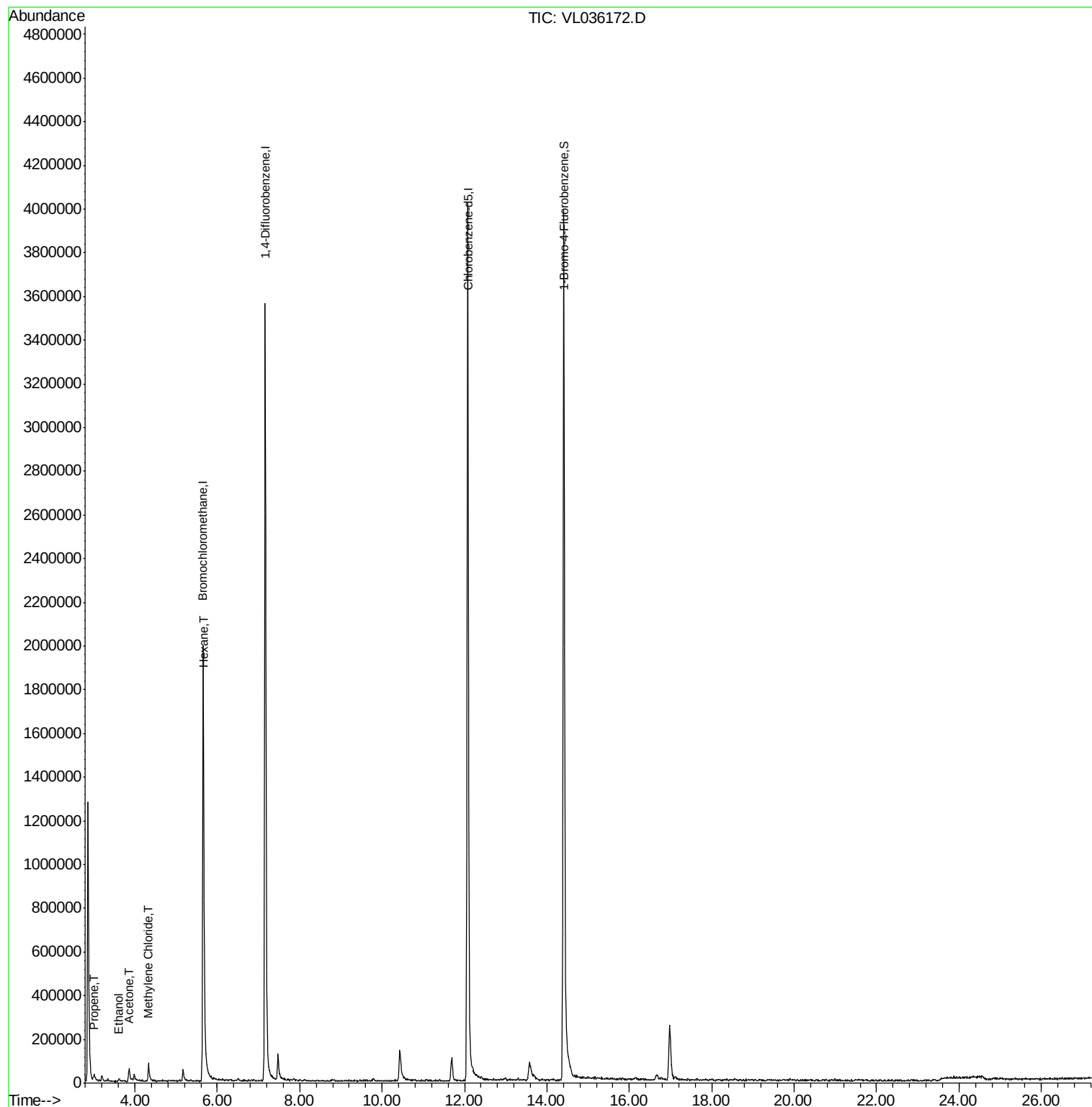
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036172.D
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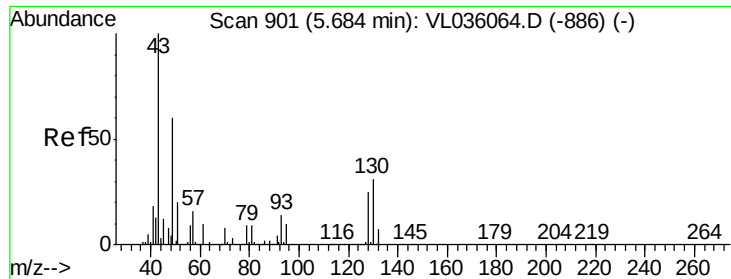
Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

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Quant Time: Dec 17 06:44:56 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# 892

Delta R.T. -0.03 min

Lab File: VL036172.D

Acq: 16 Dec 2020 18:37

Instrument :

MSVOA_L

ClientSampled :

EFFLUENT

Tgt Ion: 49 Resp: 1341469

Ion Ratio Lower Upper

49 100

128 36.0 21.1 63.1

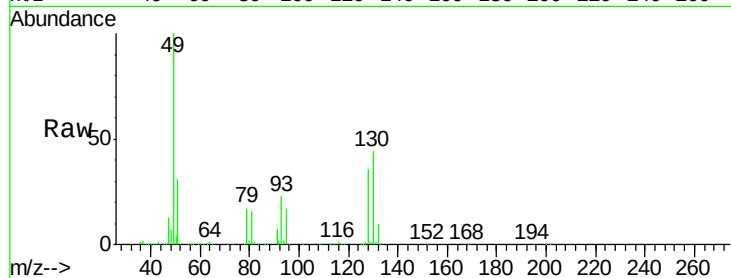
130 46.0 27.1 81.3

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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

5.65

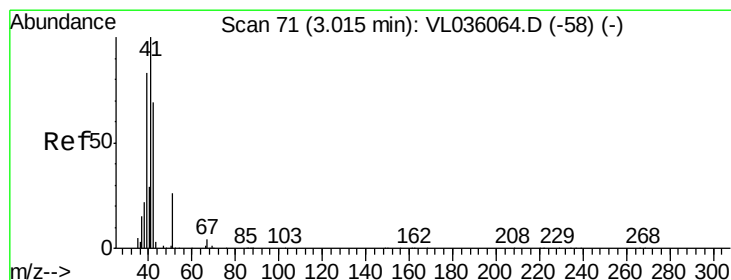
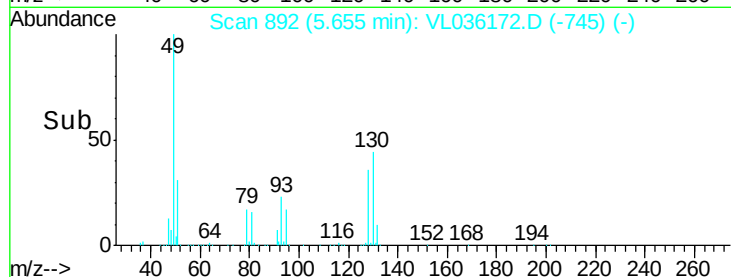
600000

400000

200000

0

Time-->



#9

Propene

Concen: 0.140 ppbv m

RT: 3.01 min Scan# 69

Delta R.T. -0.01 min

Lab File: VL036172.D

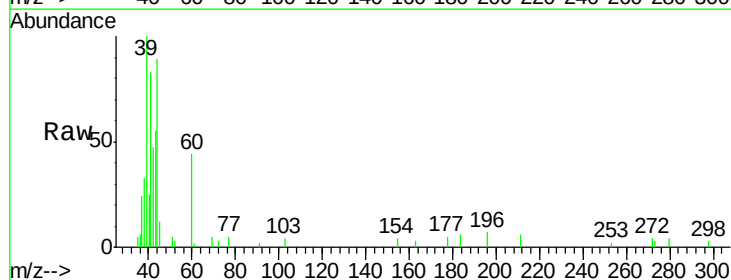
Acq: 16 Dec 2020 18:37

Tgt Ion: 41 Resp: 10711

Ion Ratio Lower Upper

41 100

42 0.0 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.01

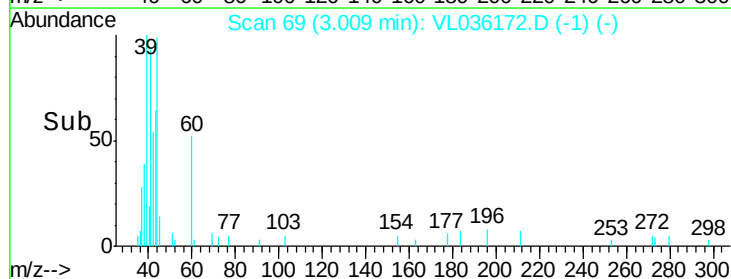
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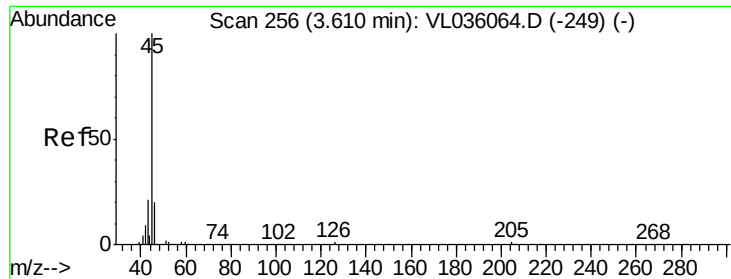
4000

2000

0

Time-->





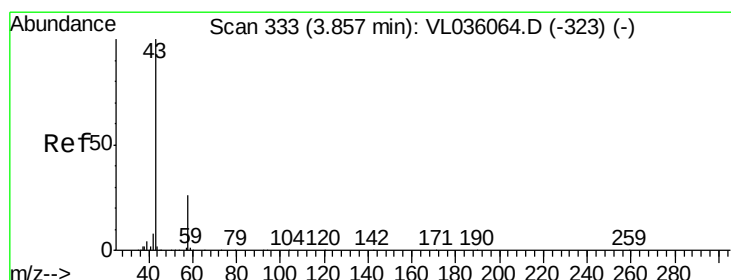
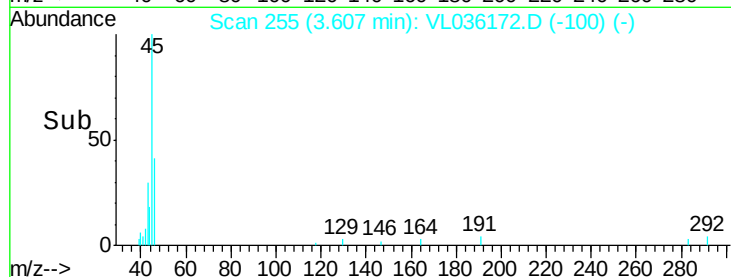
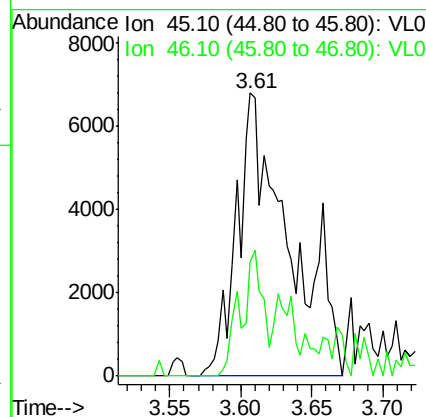
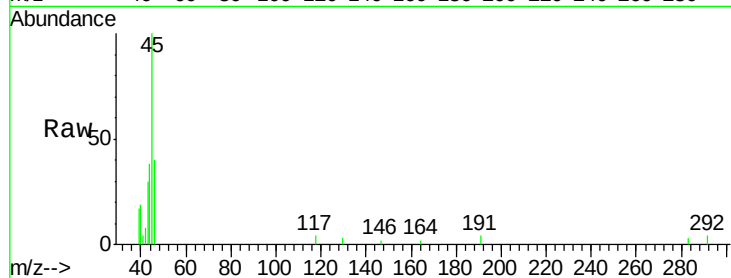
#13
Ethanol
Concen: 1.627 ppbv m
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036172.D
Acq: 16 Dec 2020 18:37

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tgt Ion: 45 Resp: 17201
Ion Ratio Lower Upper
45 100
46 0.0 19.0 75.8#

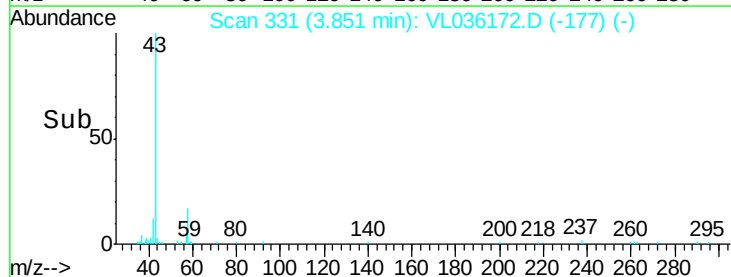
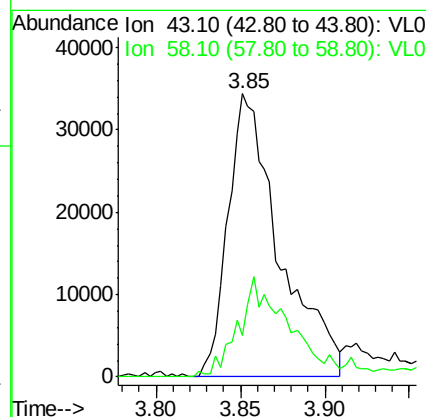
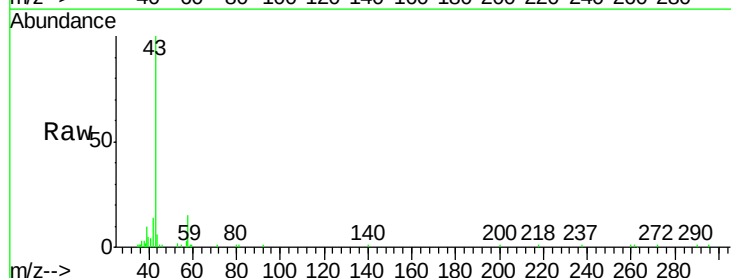
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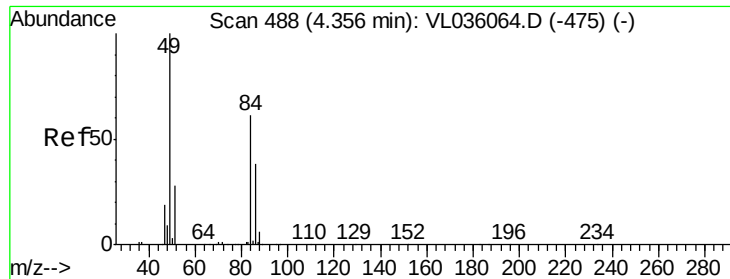
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#15
Acetone
Concen: 0.453 ppbv m
RT: 3.85 min Scan# 331
Delta R.T. -0.01 min
Lab File: VL036172.D
Acq: 16 Dec 2020 18:37

Tgt Ion: 43 Resp: 73064
Ion Ratio Lower Upper
43 100
58 37.9 20.9 31.3#





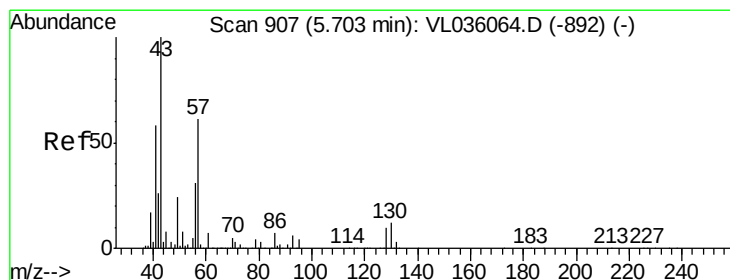
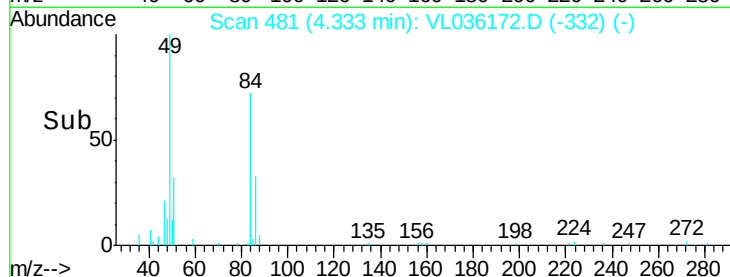
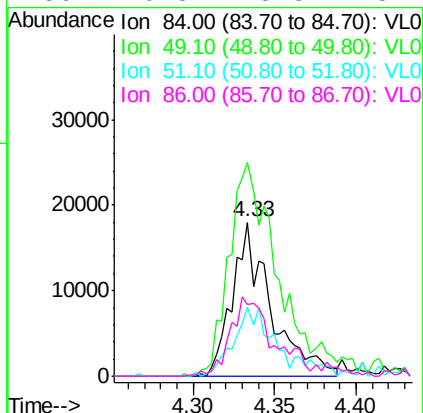
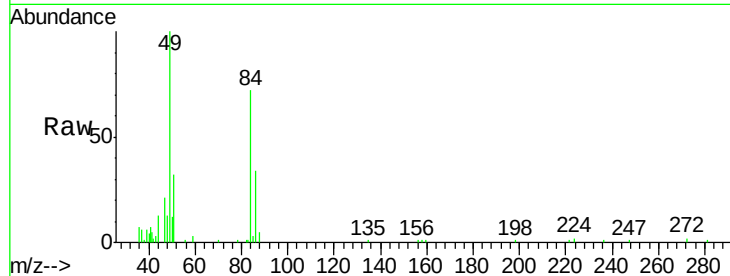
#20
Methylene Chloride
Concen: 0.446 ppbv m
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL036172.D
Acq: 16 Dec 2020 18:37

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.4	133.0	199.4
51	45.0	38.9	58.3
86	46.8	48.8	73.2#

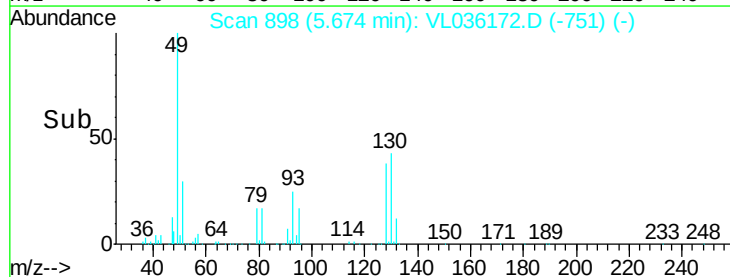
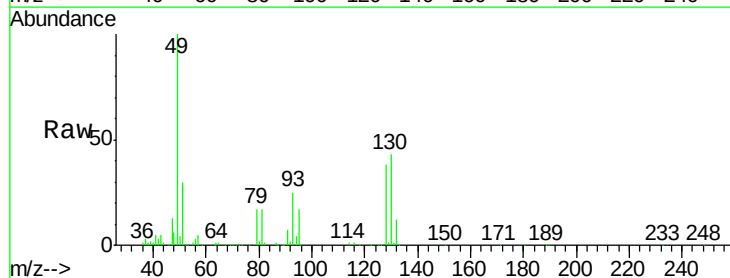
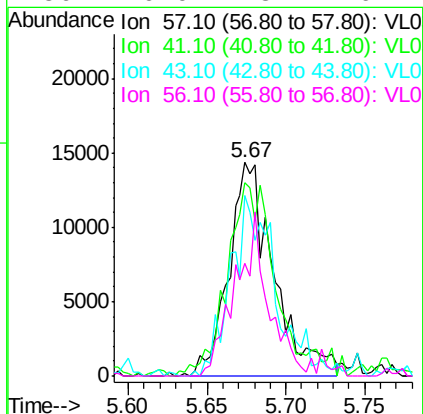
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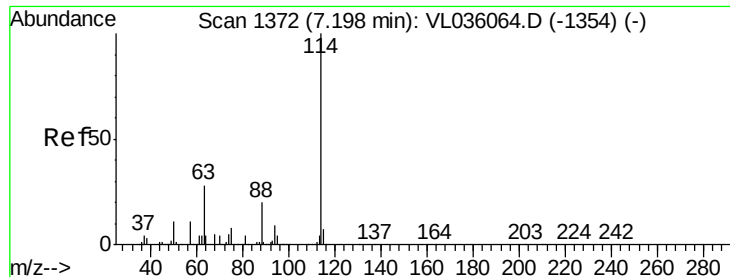
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#26
Hexane
Concen: 0.199 ppbv m
RT: 5.67 min Scan# 898
Delta R.T. -0.03 min
Lab File: VL036172.D
Acq: 16 Dec 2020 18:37

Tgt Ion	Ratio	Lower	Upper
57	100		
41	101.0	82.9	124.3
43	84.0	199.9	299.9#
56	0.0	43.1	64.7#





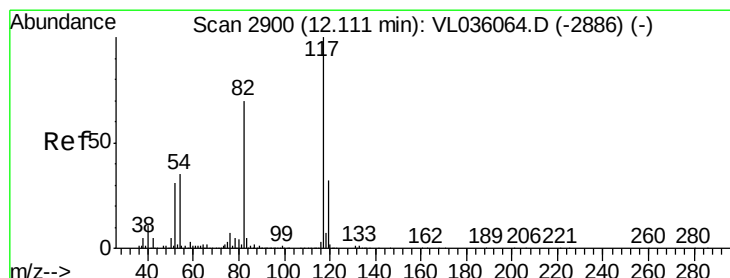
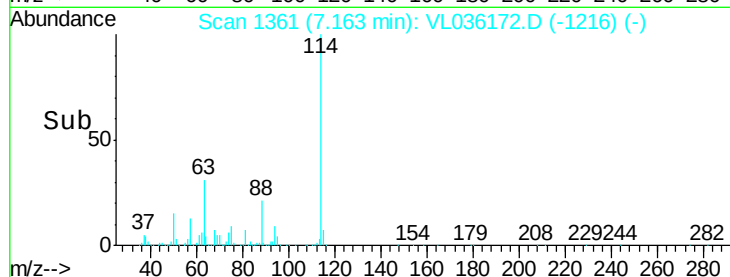
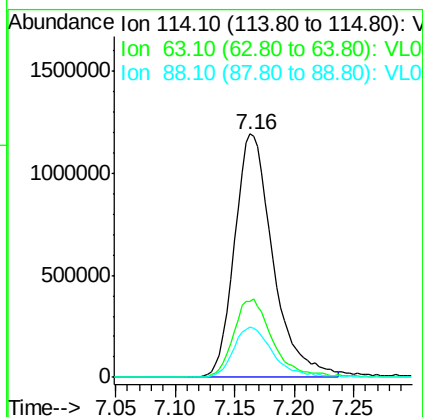
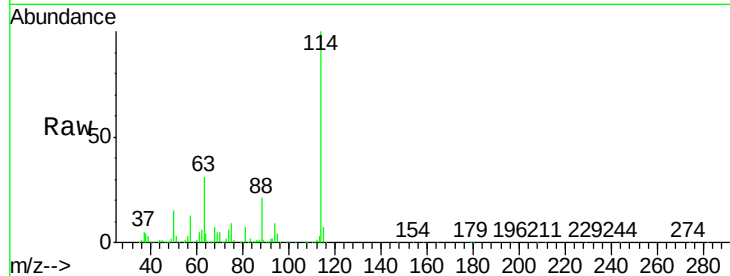
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.04 min
 Lab File: VL036172.D
 Acq: 16 Dec 2020 18:37

Instrument :
 MSVOA_L
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Tgt Ion:114 Resp: 2662569
 Ion Ratio Lower Upper
 114 100
 63 32.9 23.6 35.4
 88 21.2 15.8 23.6

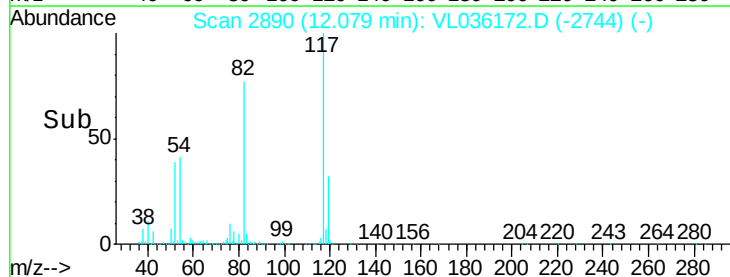
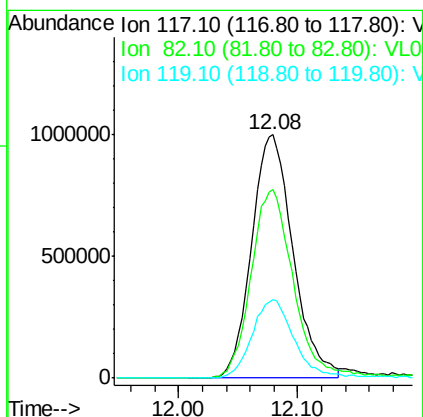
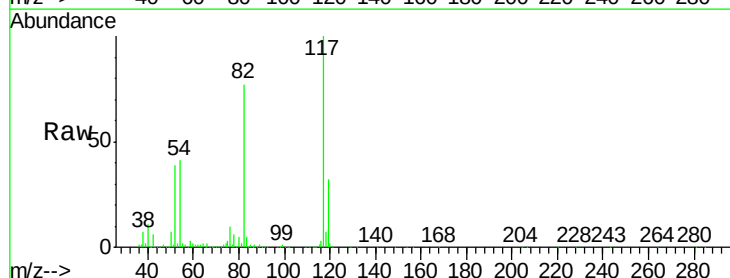
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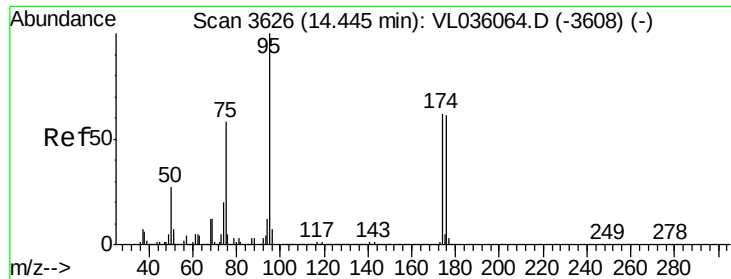
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2890
 Delta R.T. -0.03 min
 Lab File: VL036172.D
 Acq: 16 Dec 2020 18:37

Tgt Ion:117 Resp: 2398415
 Ion Ratio Lower Upper
 117 100
 82 80.6 0.0 0.0#
 119 33.5 0.0 0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.167 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. -0.04 min
 Lab File: VL036172.D
 Acq: 16 Dec 2020 18:37

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Tgt Ion: 95 Resp: 2126612
 Ion Ratio Lower Upper
 95 100
 174 56.4 50.7 76.1
 175 4.1 4.0 6.0

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