

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041221\
 Data File : VL036788.D
 Acq On : 12 Apr 2021 14:00
 Operator : SY/AP
 Sample : M1877-10DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-7(2021)DL

Manual Integrations
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 4/13/2021 10:42:57 AM

Quant Time: Apr 12 18:56:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1549876	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3806996	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3021466	10.00	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1990631	8.27	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	33127	0.359	ppbv	98
13) Ethanol	3.62	45	2777301	252.639	ppbv	93
15) Acetone	3.85	43	1697790m	11.130	ppbv	
17) tert-Butyl alcohol	4.31	59	42493m	0.320	ppbv	
19) Isopropyl Alcohol	3.99	45	828483	9.873	ppbv	100
20) Methylene Chloride	4.35	84	120064	1.681	ppbv	98
26) Hexane	5.70	57	141728	0.842	ppbv #	46
44) 2,2,4-Trimethylpentane	7.89	57	330939	0.536	ppbv	94

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

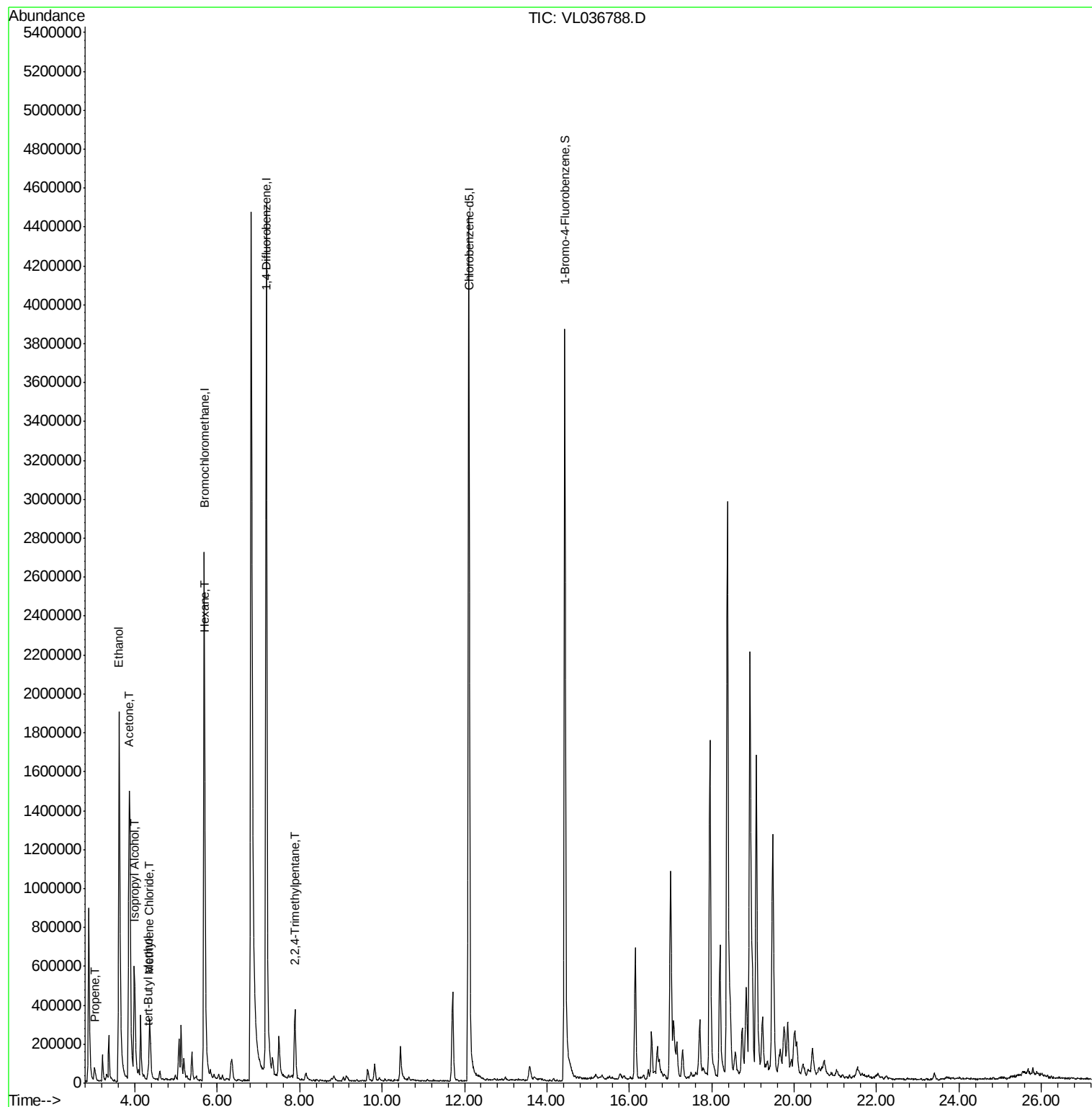
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Data File : VL036788.D
Acq On : 12 Apr 2021 14:00
Operator : SY/AP
Sample : M1877-10DL 10X
Misc : 400mL/MSVOA L
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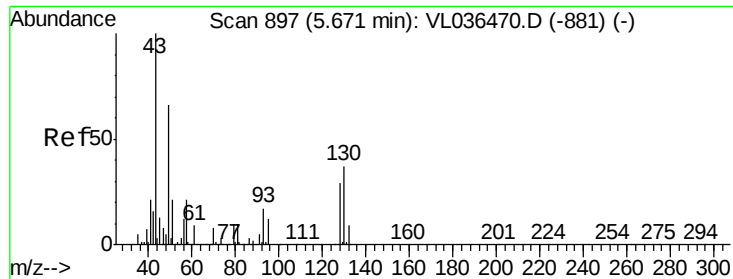
Instrument :
MSVOA_L
ClientSampleId :
UP-SG-7(2021)DL

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Quant Time: Apr 12 18:56:02 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.01 min

Lab File: VL036788.D

Acq: 12 Apr 2021 14:00

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-7(2021)DL

Tot Ion: 49 Resp: 1549876

Ion Ratio Lower Upper

49 100

128 45.6 23.5 70.6

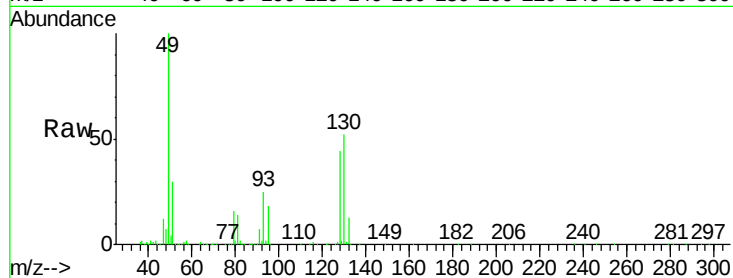
130 59.0 29.1 87.4

Manual Integrations

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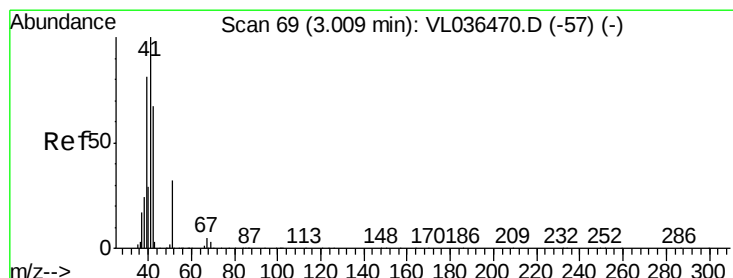
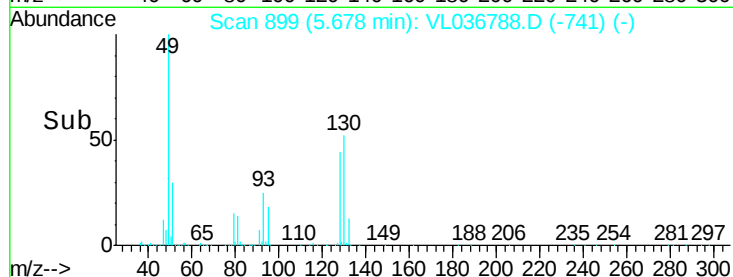
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.68

Time-->



#9

Propene

Concen: 0.359 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL036788.D

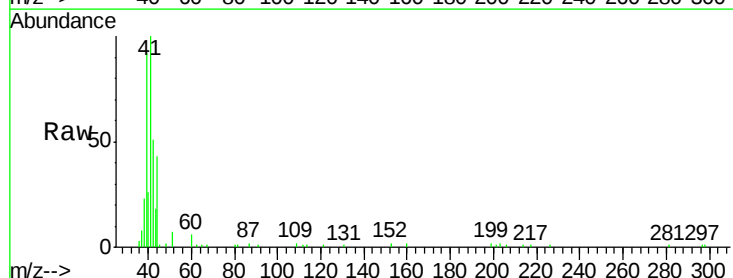
Acq: 12 Apr 2021 14:00

Tgt Ion: 41 Resp: 33127

Ion Ratio Lower Upper

41 100

42 69.3 57.0 85.4

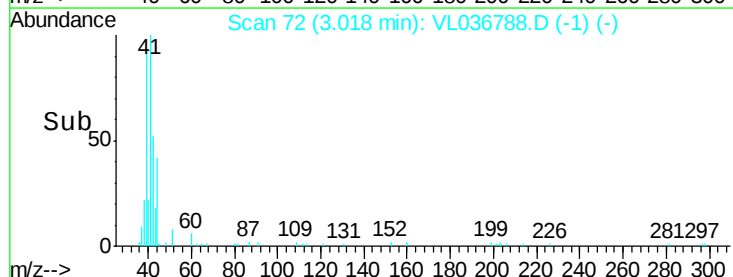


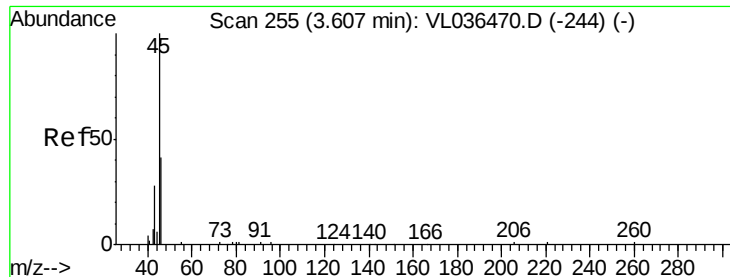
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.02

Time-->





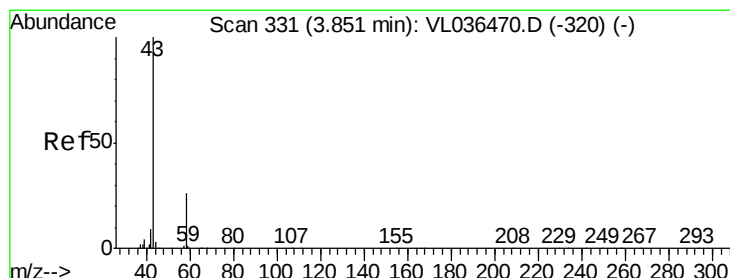
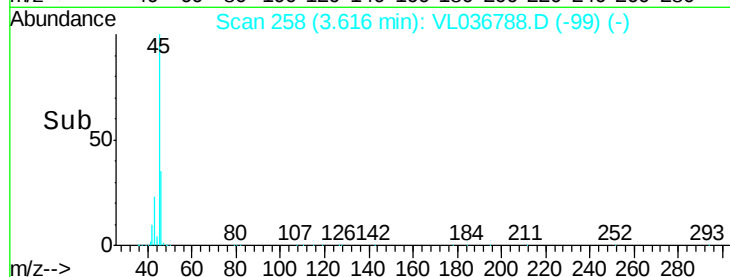
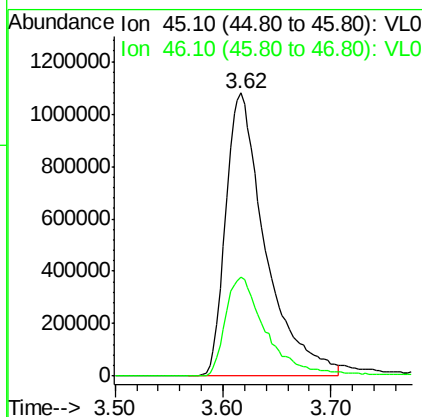
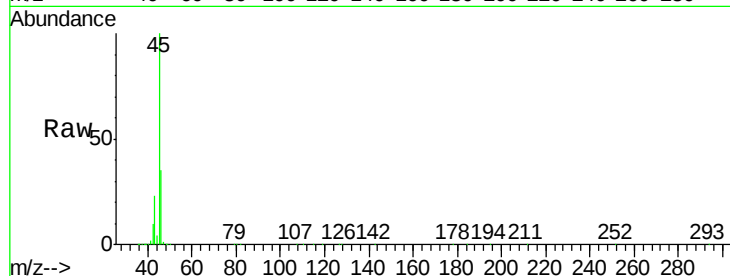
#13
Ethanol
Concen: 252.639 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL036788.D
Acq: 12 Apr 2021 14:00

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-7(2021)DL

Tot Ion: 45 Resp: 2777301
Ion Ratio Lower Upper
45 100
46 37.1 16.6 66.2

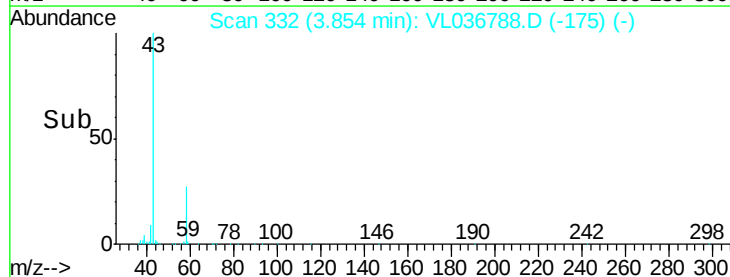
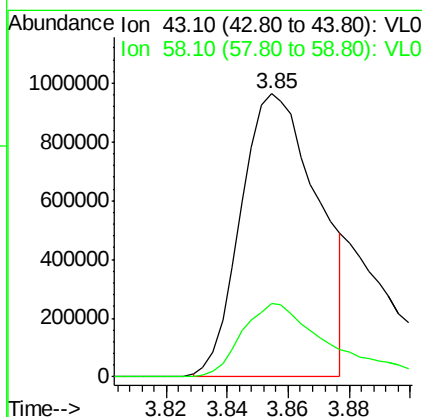
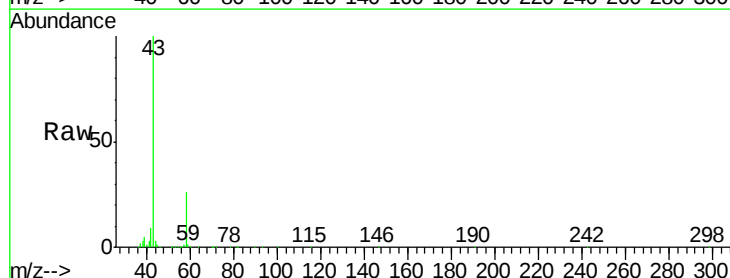
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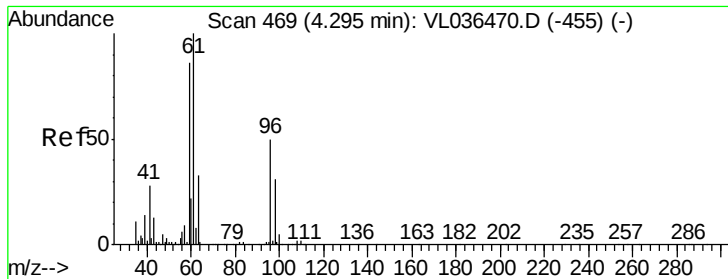
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#15
Acetone
Concen: 11.130 ppbv m
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL036788.D
Acq: 12 Apr 2021 14:00

Tgt Ion: 43 Resp: 1697790
Ion Ratio Lower Upper
43 100
58 31.3 21.2 31.8





#17

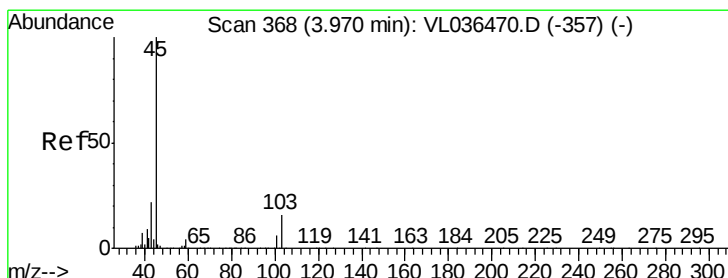
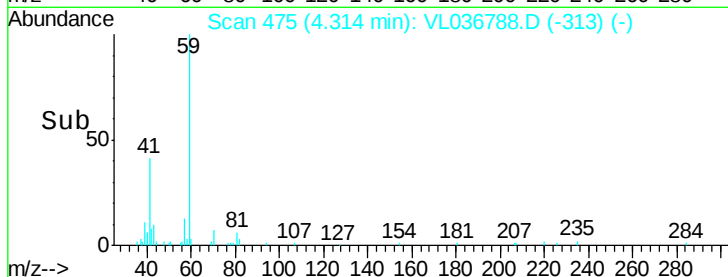
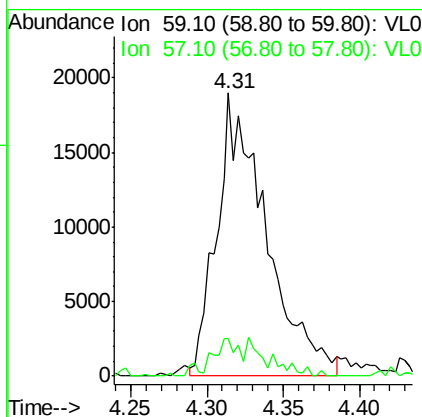
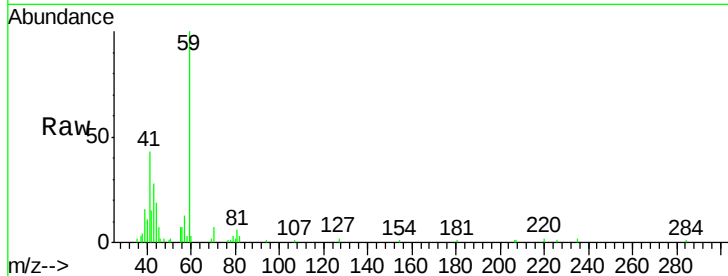
tert-Butyl alcohol
 Concen: 0.320 ppbv
 RT: 4.31 min Scan# 475
 Delta R.T. 0.02 min
 Lab File: VL036788.D
 Acq: 12 Apr 2021 14:00

Instrument :
 MSVOA_L
 ClientSampleID :
 UP-SG-7(2021)DL

Tot Ion: 59 Resp: 42493
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

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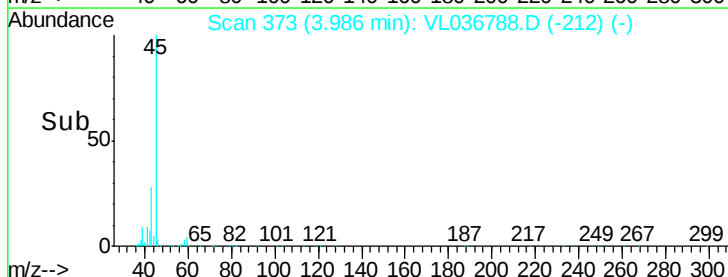
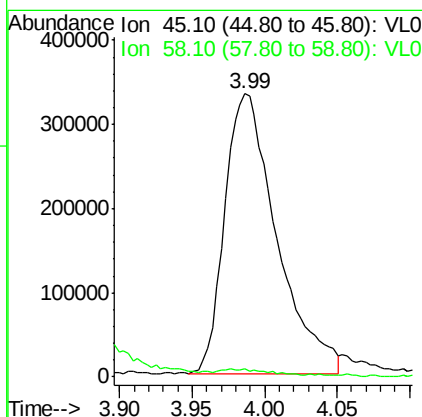
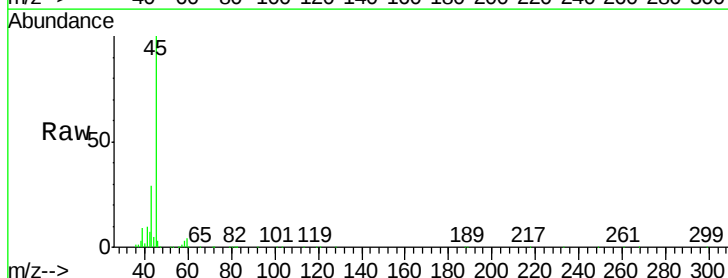
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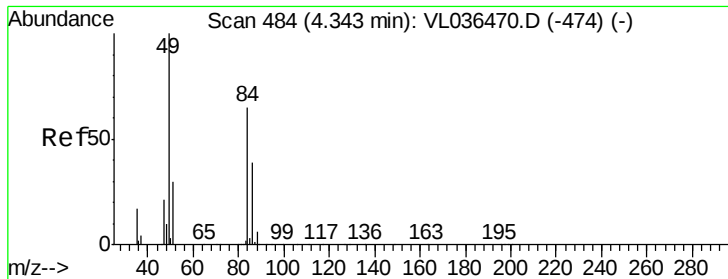


#19

Isopropyl Alcohol
 Concen: 9.873 ppbv
 RT: 3.99 min Scan# 373
 Delta R.T. 0.02 min
 Lab File: VL036788.D
 Acq: 12 Apr 2021 14:00

Tgt Ion: 45 Resp: 828483
 Ion Ratio Lower Upper
 45 100
 58 3.6 2.9 4.3





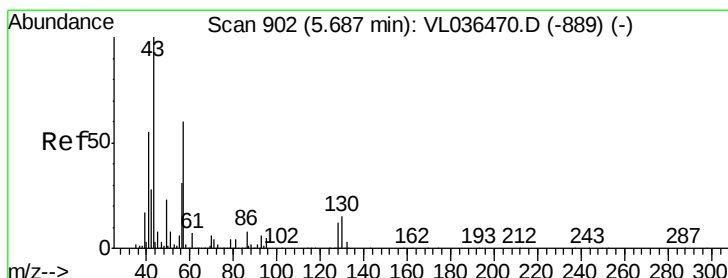
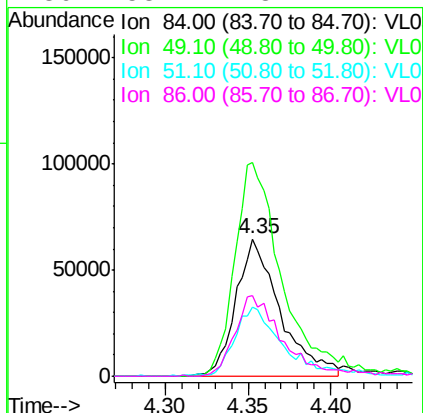
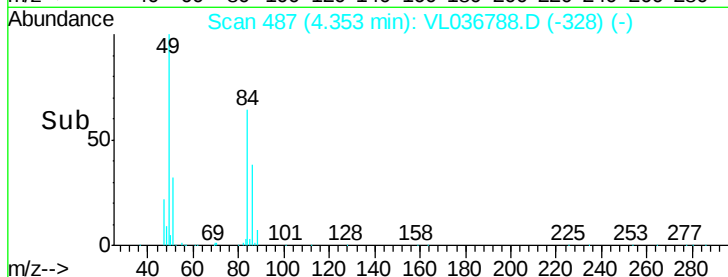
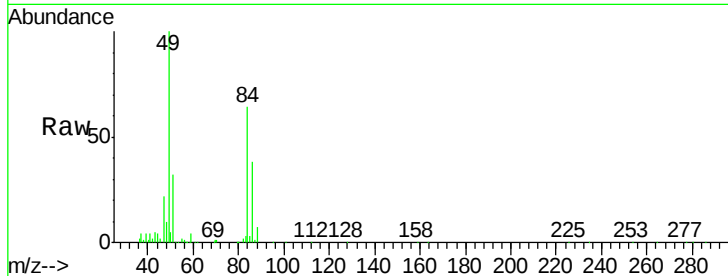
#20
Methvlene Chloride
Concen: 1.681 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036788.D
Acq: 12 Apr 2021 14:00

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-7(2021)DL

Tot Ion:	84	Resp:	120064
Ion	Ratio	Lower	Upper
84	100		
49	155.3	122.9	184.3
51	49.8	36.9	55.3
86	58.7	48.2	72.4

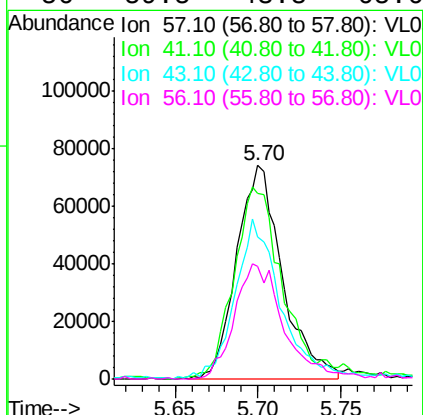
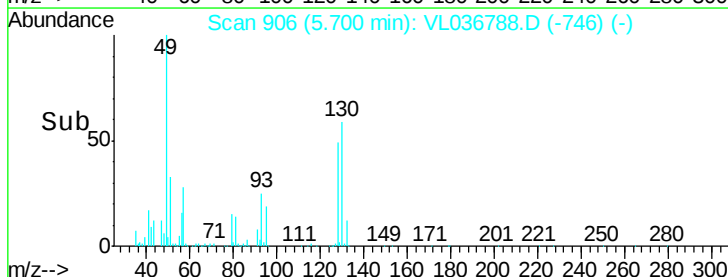
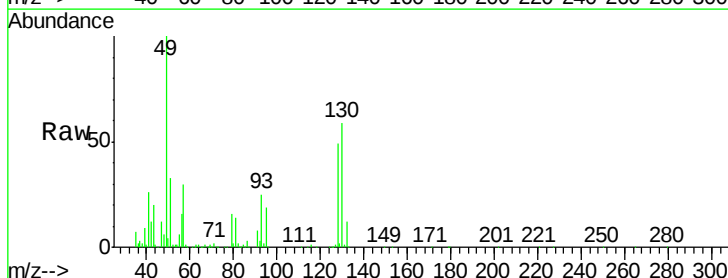
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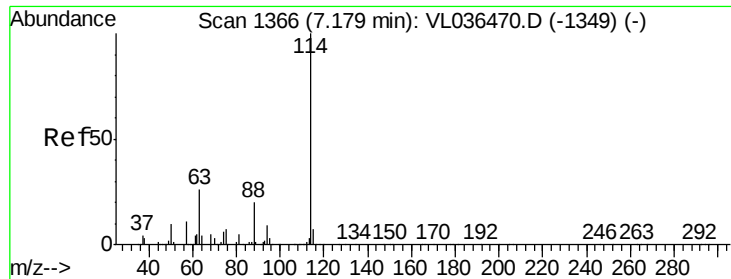
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#26
Hexane
Concen: 0.842 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL036788.D
Acq: 12 Apr 2021 14:00

Tgt Ion:	57	Resp:	141728
Ion	Ratio	Lower	Upper
57	100		
41	99.2	77.2	115.8
43	76.0	173.8	260.6#
56	59.5	43.8	65.6





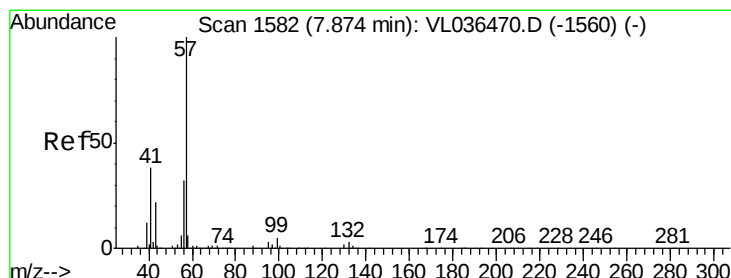
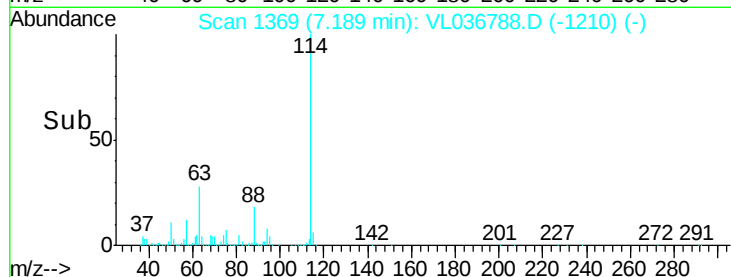
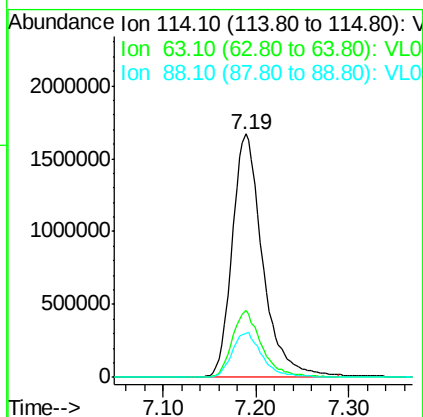
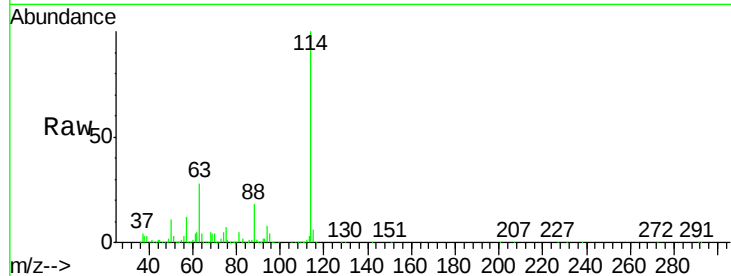
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VL036788.D
 Acq: 12 Apr 2021 14:00

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-7(2021)DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.8	22.4	33.6
88	18.5	15.4	23.0

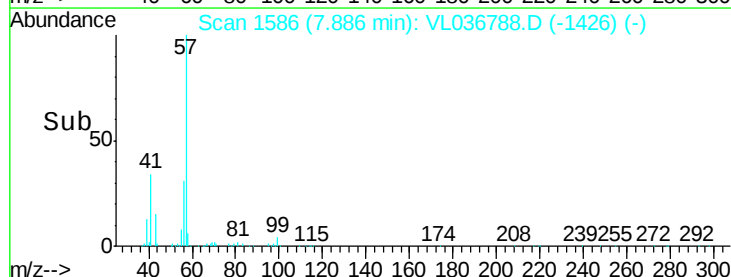
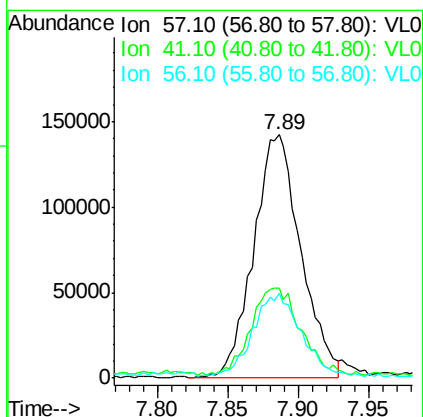
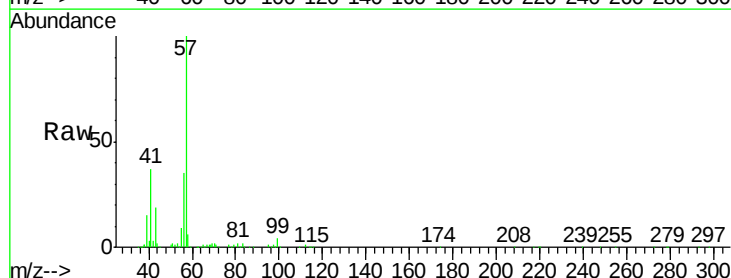
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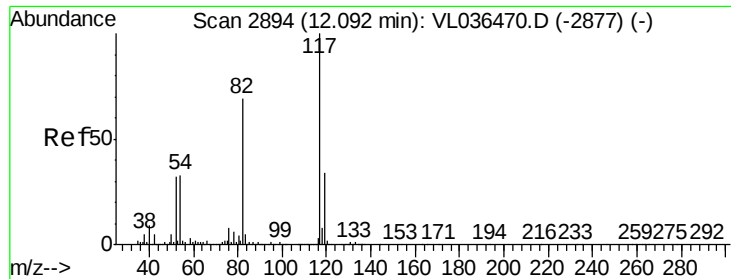
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#44
 2,2,4-Trimethylpentane
 Concen: 0.536 ppbv
 RT: 7.89 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VL036788.D
 Acq: 12 Apr 2021 14:00

Tgt Ion	Ratio	Lower	Upper
57	100		
41	38.7	28.8	43.2
56	37.3	26.1	39.1





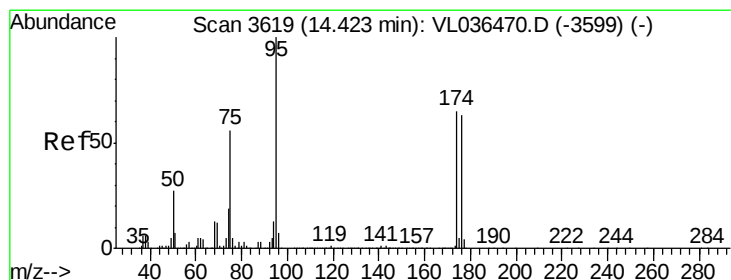
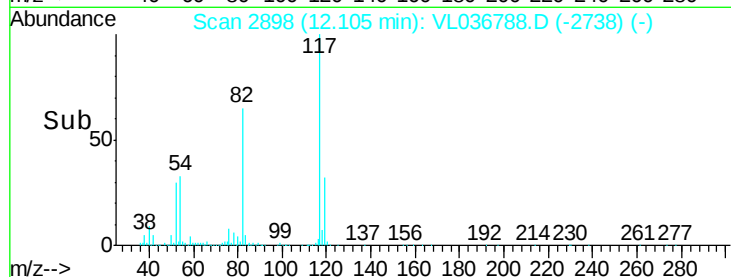
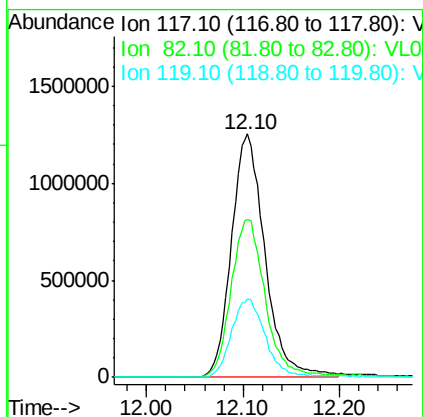
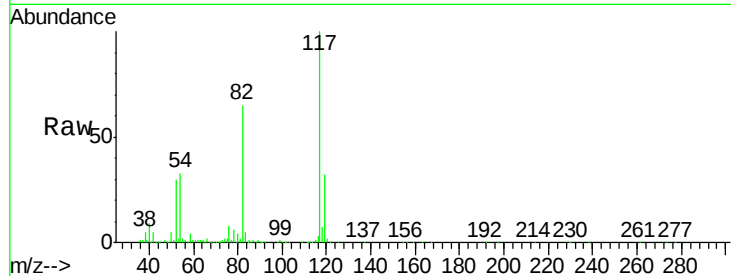
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.01 min
Lab File: VL036788.D
Acq: 12 Apr 2021 14:00

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-7(2021)DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.8	57.4	86.0
119	33.5	47.4	71.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 8.266 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.01 min
Lab File: VL036788.D
Acq: 12 Apr 2021 14:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.5	51.0	76.6
175	4.5	3.9	5.9

