

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL040521\
 Data File : VL036693.D
 Acq On : 6 Apr 2021 4:17
 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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Quant Time: Apr 12 22:18:16 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	5.67	49	1292360	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3286344	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2892866	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2311829	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	41006m	0.533	ppbv	
13) Ethanol	3.61	45	3464769	377.976	ppbv	92
15) Acetone	3.84	43	1712740m	13.465	ppbv	
17) tert-Butyl alcohol	4.31	59	50226m	0.454	ppbv	
19) Isopropyl Alcohol	3.98	45	1063190	15.195	ppbv #	98
20) Methylene Chloride	4.34	84	22549m	0.379	ppbv	
26) Hexane	5.69	57	137845	0.982	ppbv #	45

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

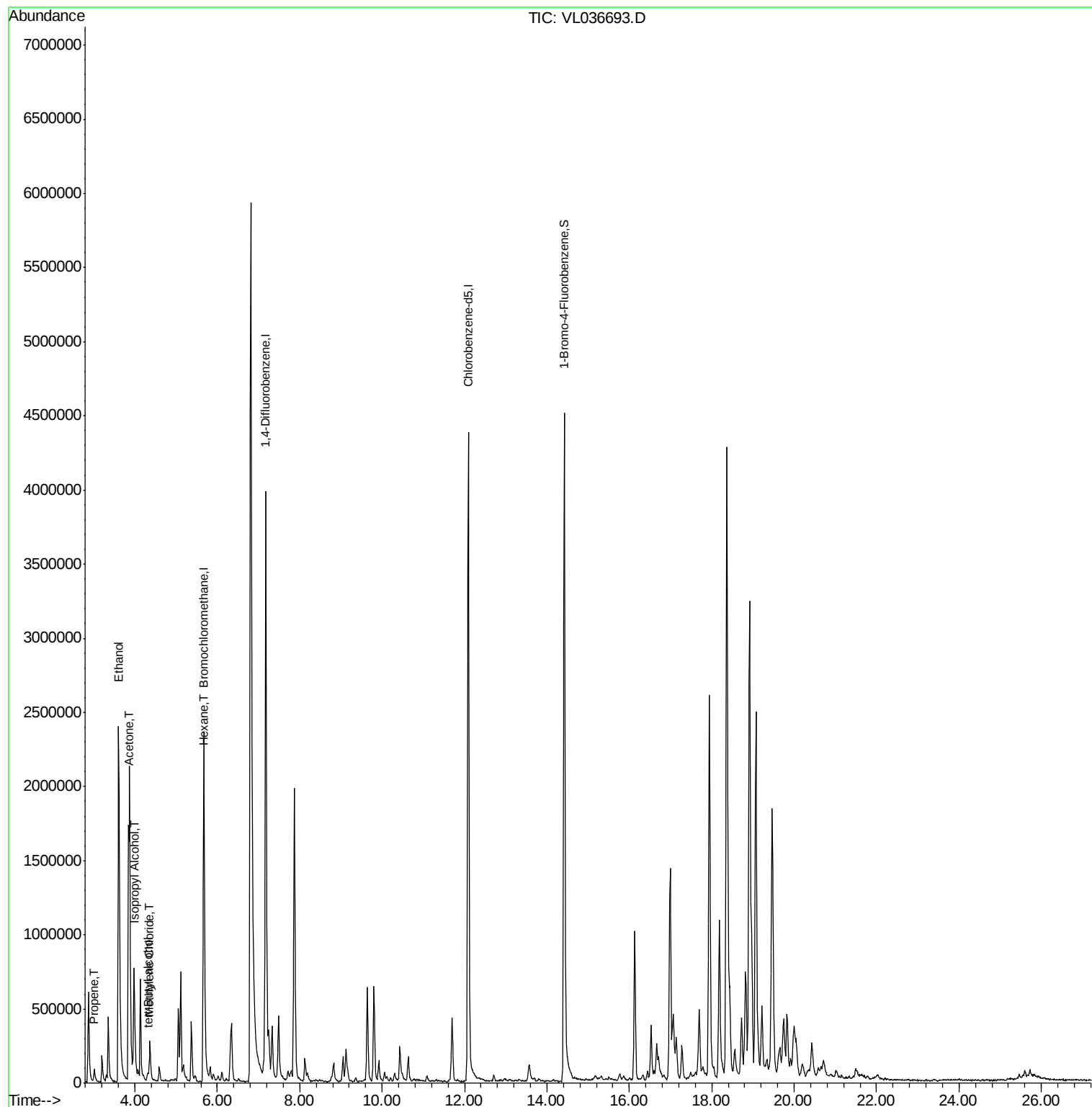
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL040521\
Data File : VL036693.D
Acq On : 6 Apr 2021 4:17
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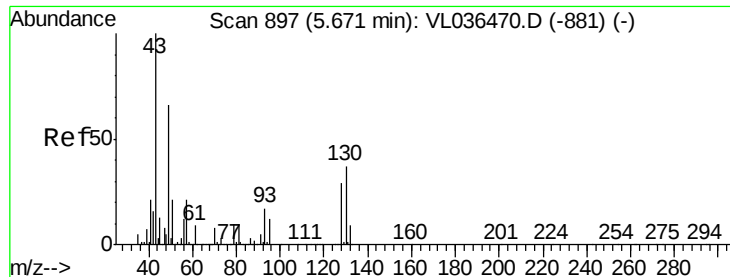
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.00 min

Lab File: VL036693.D

Acq: 6 Apr 2021 4:17

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-7(2021)DL

Tot Ion: 49 Resp: 1292360

Ion Ratio Lower Upper

49 100

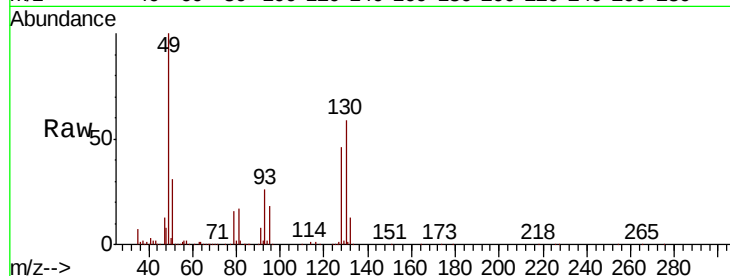
128 46.1 23.5 70.6

130 59.7 29.1 87.4

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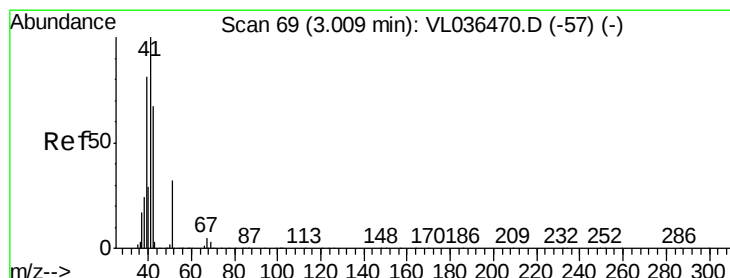
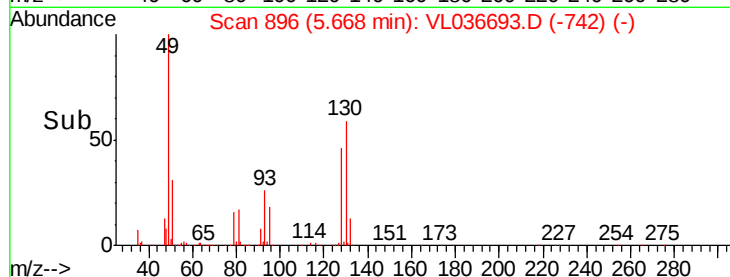
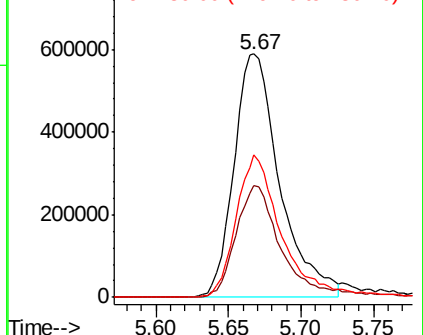
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.533 ppbv m

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL036693.D

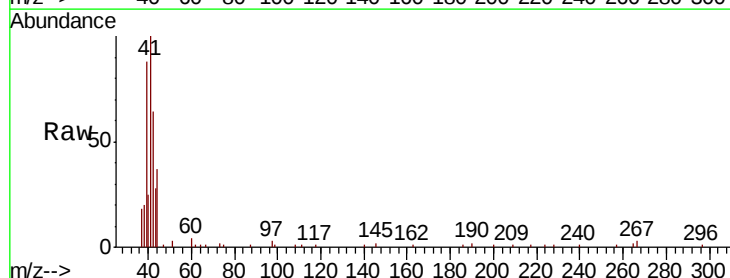
Acq: 6 Apr 2021 4:17

Tgt Ion: 41 Resp: 41006

Ion Ratio Lower Upper

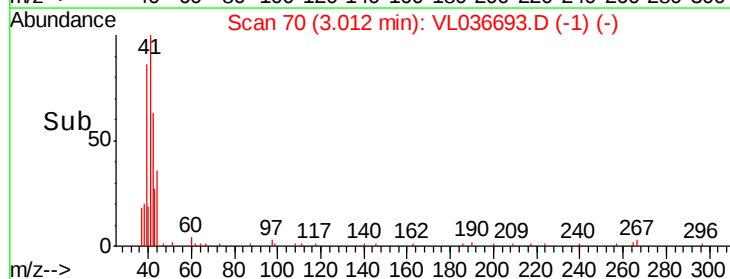
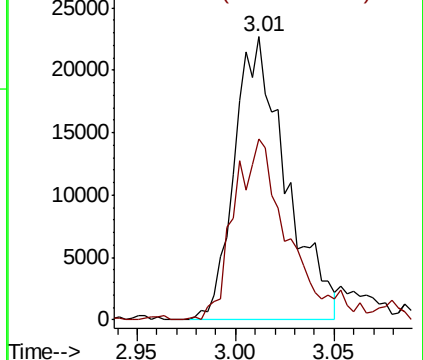
41 100

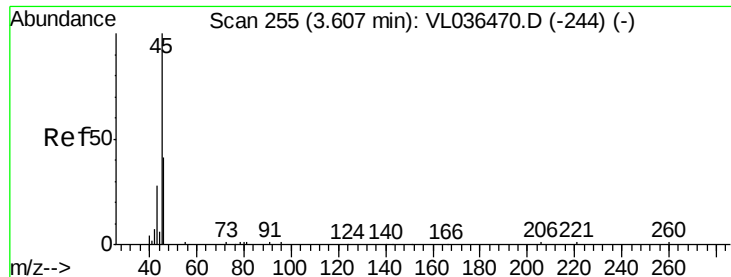
42 68.0 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





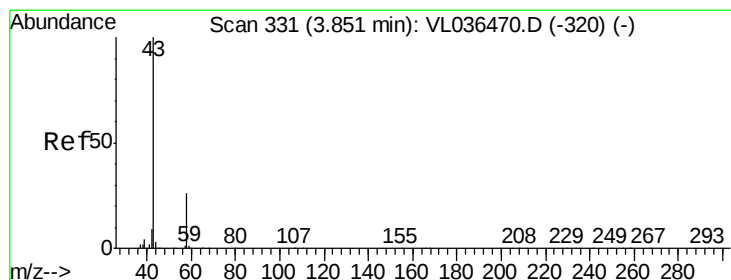
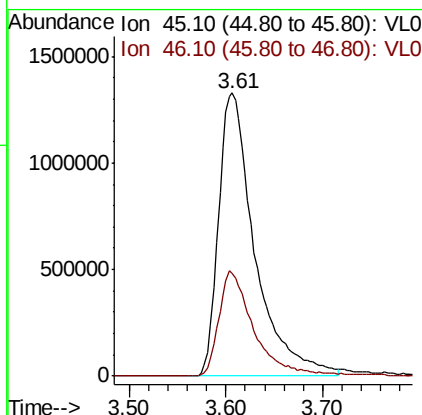
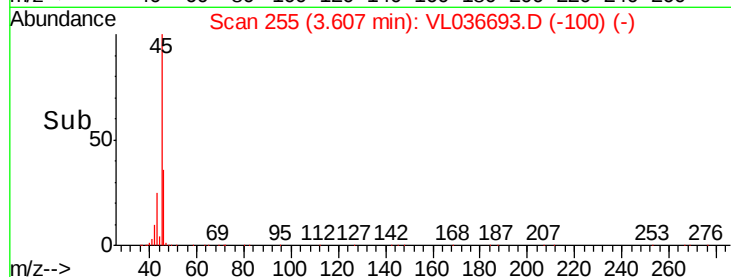
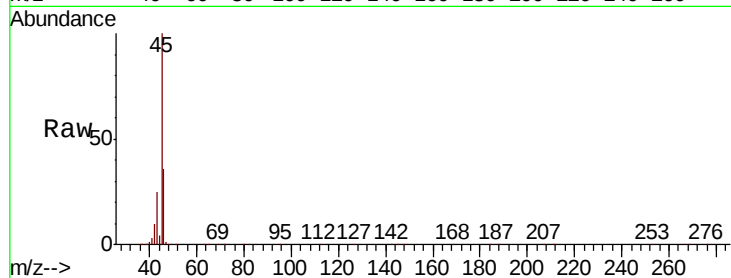
#13
Ethanol
Concen: 377.976 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

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

Tot Ion: 45 Resp: 3464769
Ion Ratio Lower Upper
45 100
46 36.7 16.6 66.2

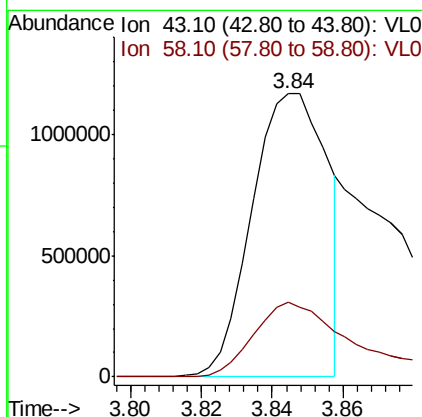
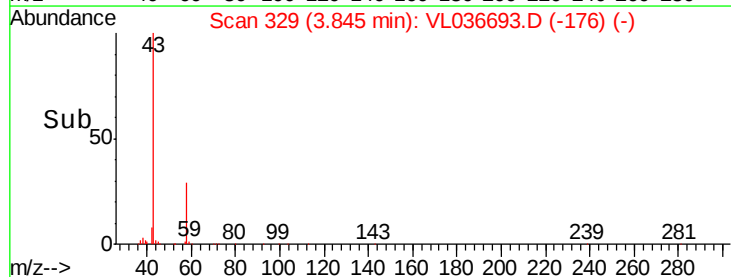
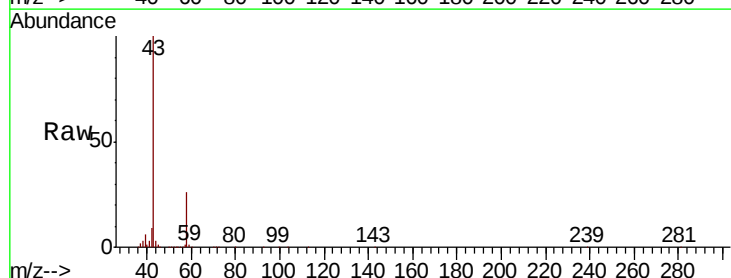
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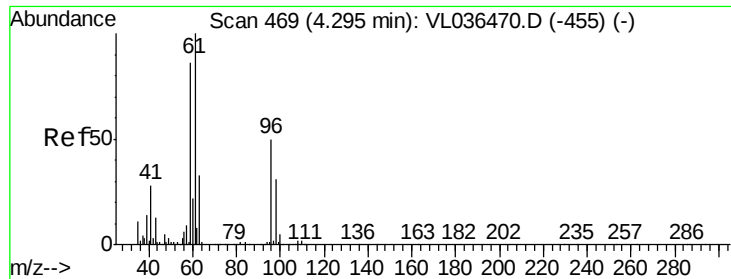
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#15
Acetone
Concen: 13.465 ppbv m
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion: 43 Resp: 1712740
Ion Ratio Lower Upper
43 100
58 38.3 21.2 31.8#





#17

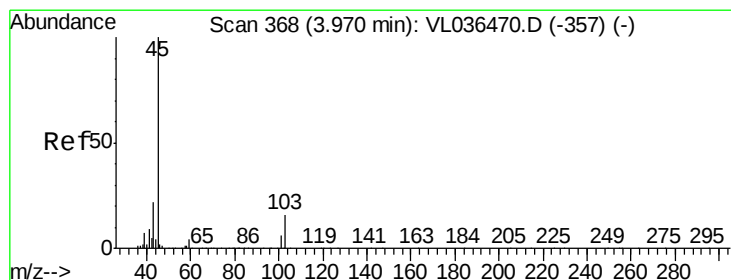
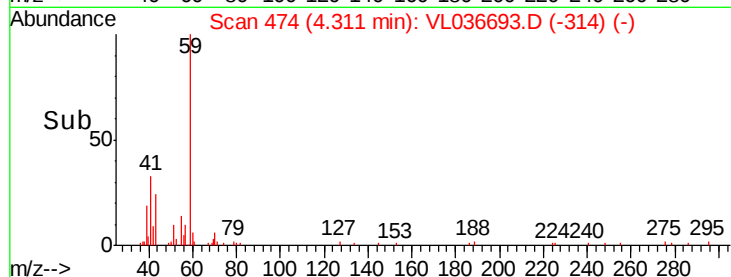
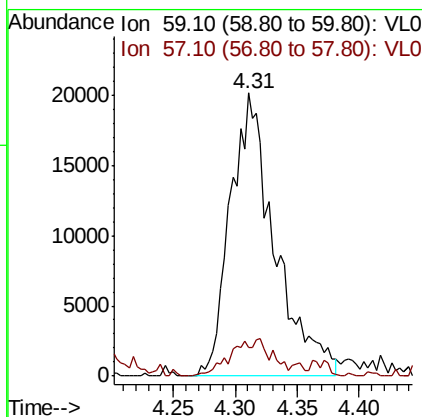
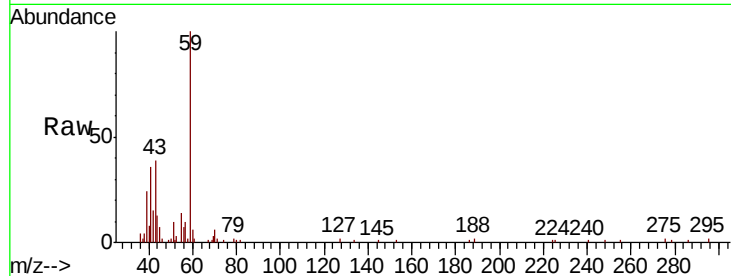
tert-Butyl alcohol
 Concen: 0.454 ppbv
 RT: 4.31 min Scan# 474
 Delta R.T. 0.02 min
 Lab File: VL036693.D
 Acq: 6 Apr 2021 4:17

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

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

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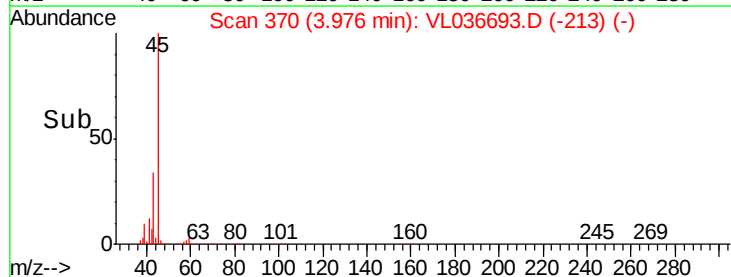
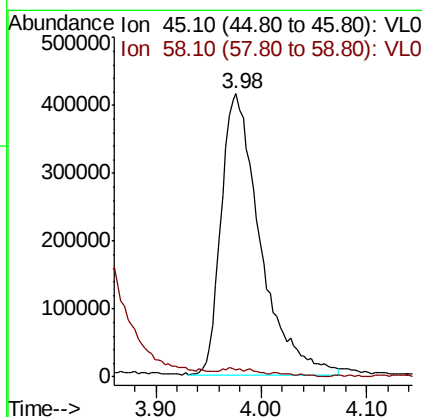
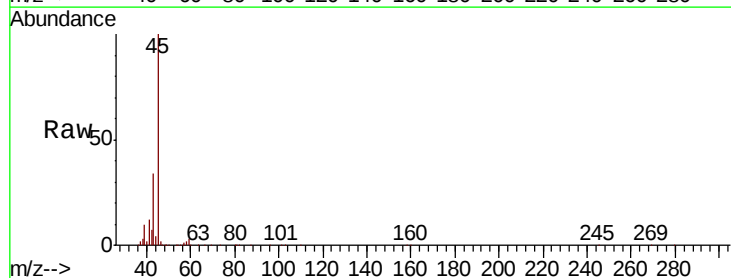
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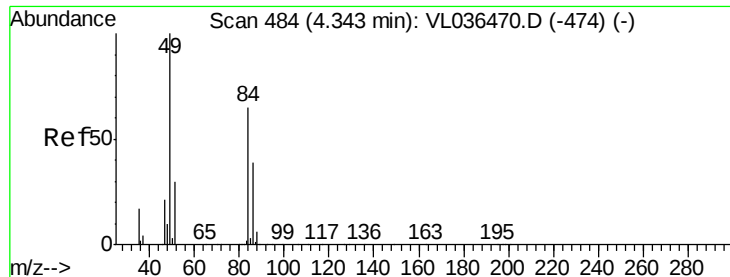


#19

Isopropyl Alcohol
 Concen: 15.195 ppbv
 RT: 3.98 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: VL036693.D
 Acq: 6 Apr 2021 4:17

Tgt Ion	Ratio	Lower	Upper
45	100		
58	2.8	2.9	4.3#





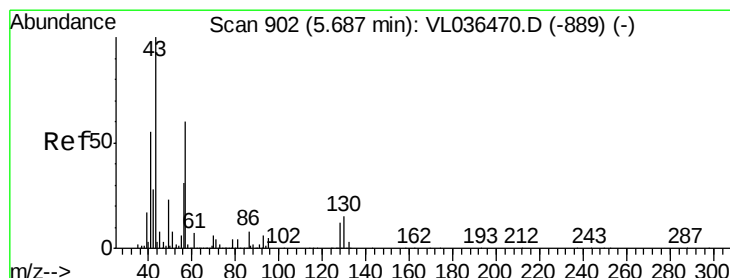
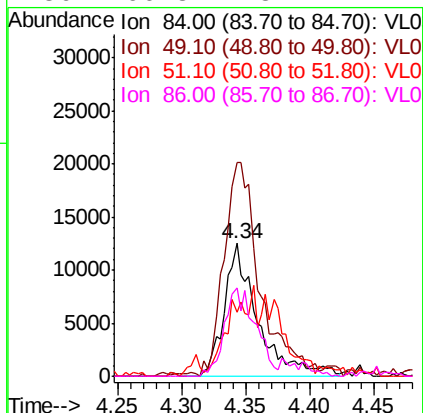
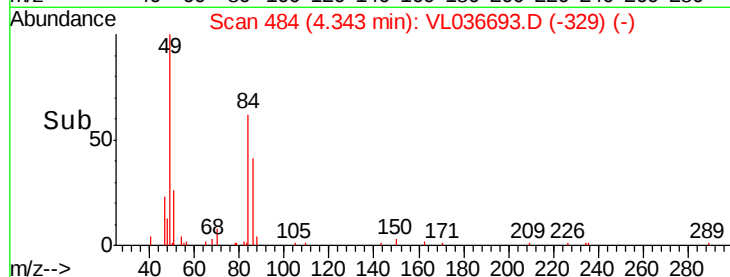
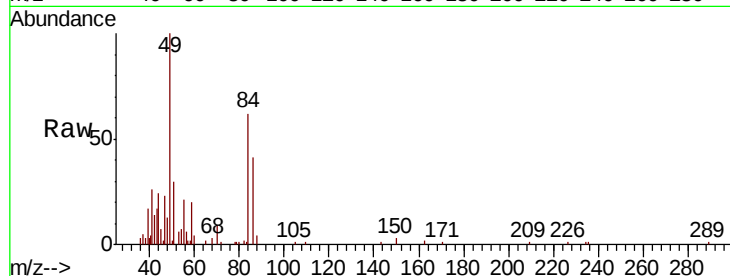
#20
Methvlene Chloride
Concen: 0.379 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

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

Tot Ion:	84	Resp:	22549
Ion	Ratio	Lower	Upper
84	100		
49	160.9	122.9	184.3
51	48.4	36.9	55.3
86	66.3	48.2	72.4

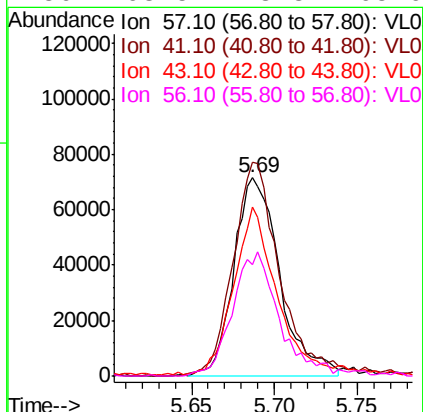
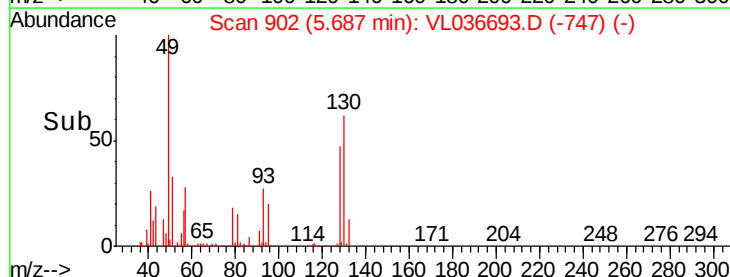
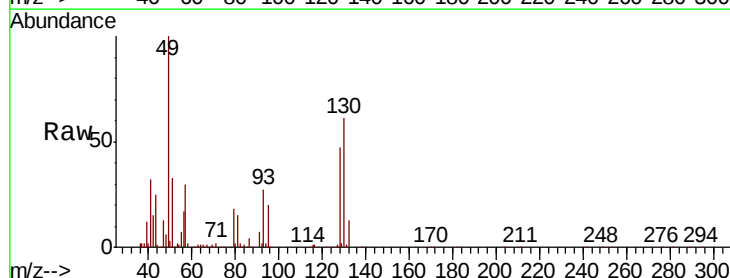
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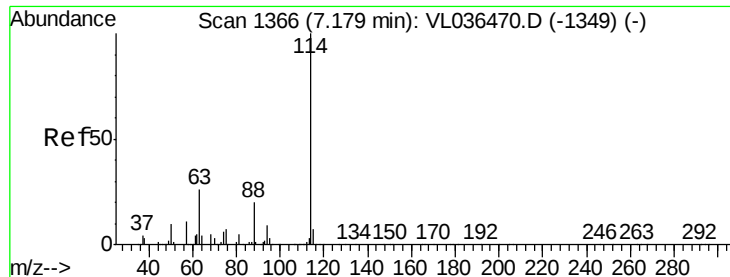
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#26
Hexane
Concen: 0.982 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion:	57	Resp:	137845
Ion	Ratio	Lower	Upper
57	100		
41	110.3	77.2	115.8
43	82.3	173.8	260.6#
56	63.5	43.8	65.6





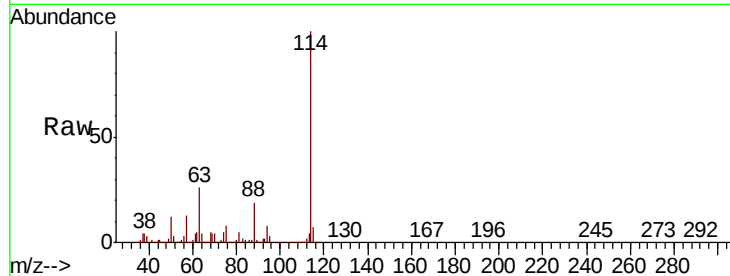
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL036693.D
 Acq: 6 Apr 2021 4:17

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

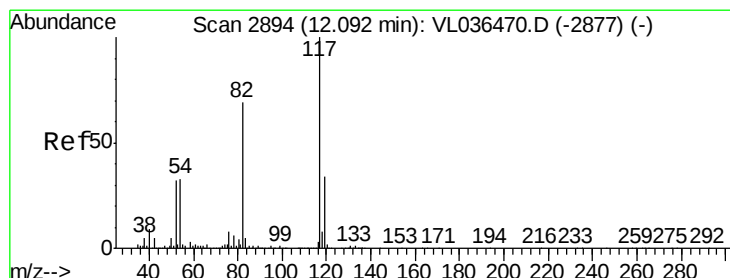
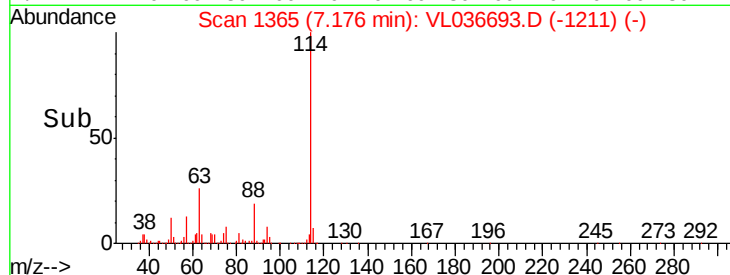
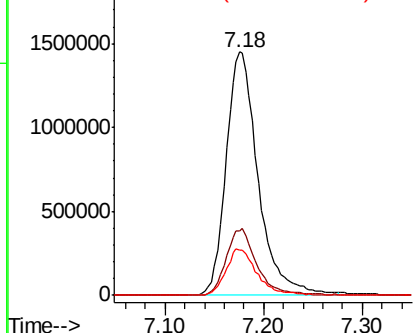
Tot Ion	Ratio	Lower	Upper
114	100		
63	26.5	22.4	33.6
88	18.9	15.4	23.0

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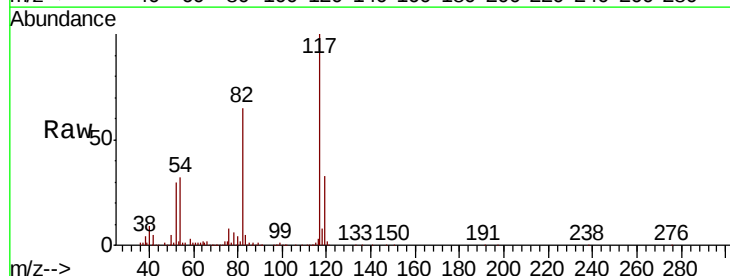


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

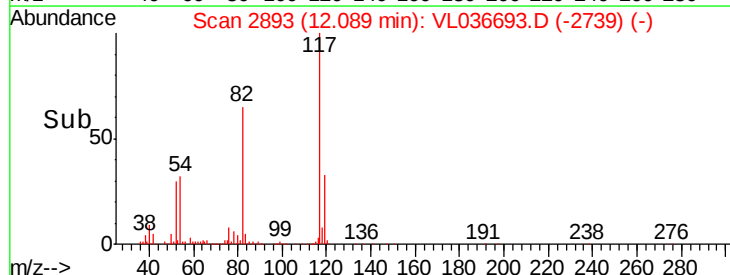
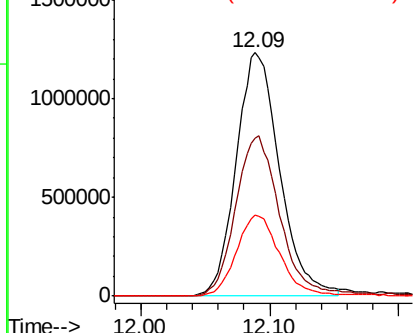


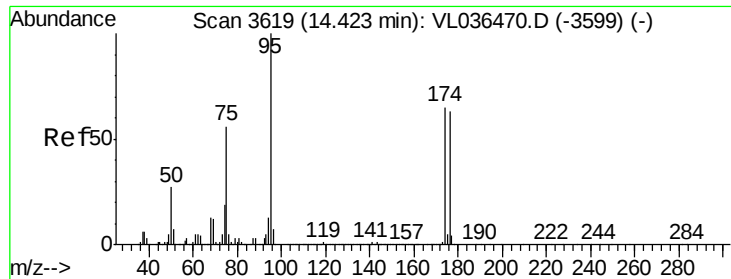
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. -0.00 min
 Lab File: VL036693.D
 Acq: 6 Apr 2021 4:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.8	57.4	86.0
119	34.1	47.4	71.0



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: 10.027 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. -0.00 min
 Lab File: VL036693.D
 Acq: 6 Apr 2021 4:17

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

Tot Ion: 95 Resp: 2311829
 Ion Ratio Lower Upper
 95 100
 174 65.2 51.0 76.6
 175 4.7 3.9 5.9

Manual Integrations
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