

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036657.D
 Acq On : 2 Apr 2021 22:57
 Operator : SY/AP
 Sample : M1853-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-02DL

Manual Integrations
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Quant Time: Apr 04 17:34:02 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	5.64	49	1277002	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3389485	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3036137	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	2387313	9.87	ppbv	-0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	170104m	18.780	ppbv	
15) Acetone	3.84	43	191332	1.522	ppbv #	79
17) tert-Butyl alcohol	4.29	59	186488	1.704	ppbv #	93
20) Methylene Chloride	4.32	84	257489	4.376	ppbv	94
26) Hexane	5.67	57	209755	1.513	ppbv #	46

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

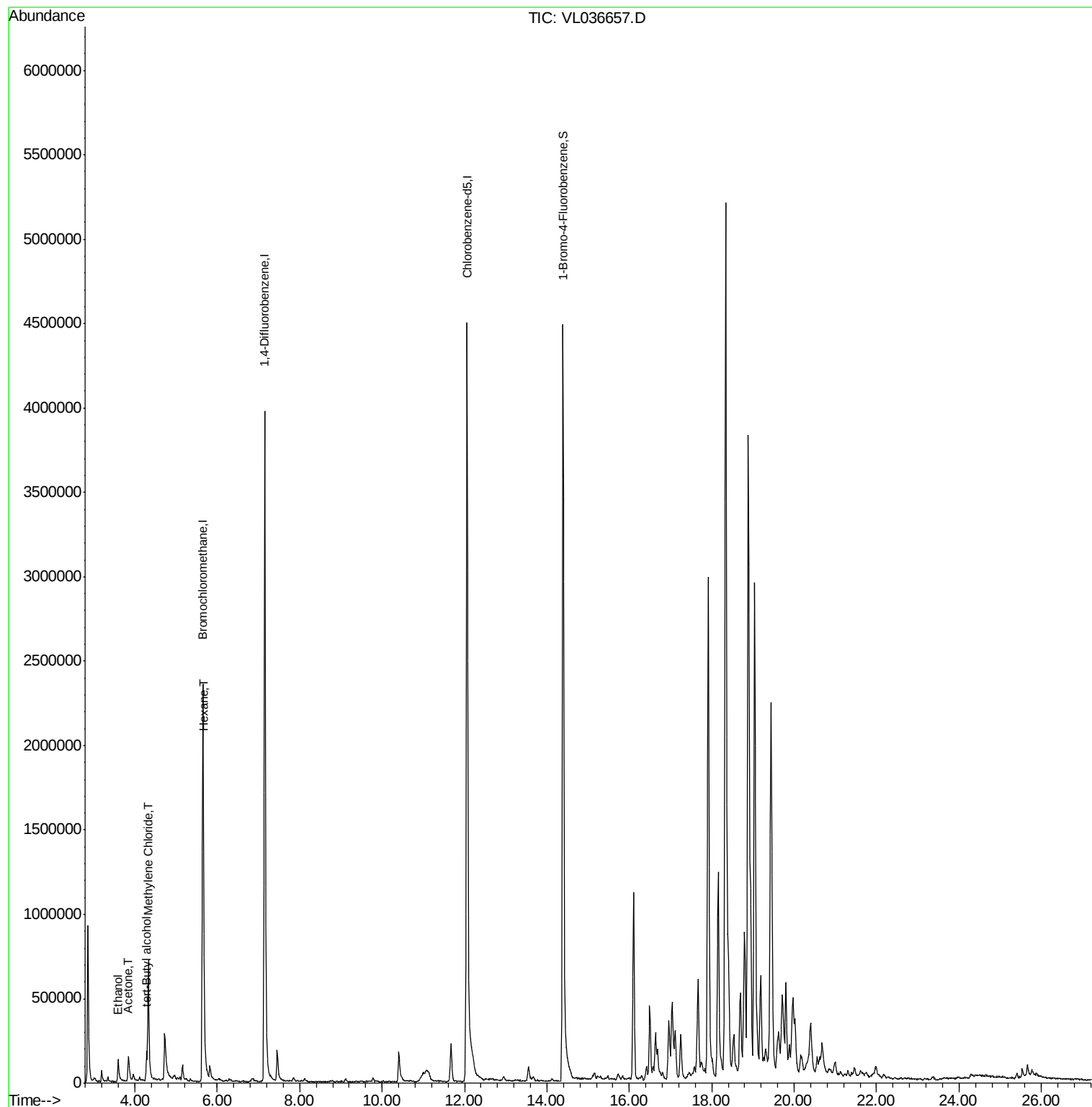
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.03 min

Lab File: VL036657.D

Acq: 2 Apr 2021 22:57

Instrument :

MSVOA_L

ClientSampleId :

SOFF-SG-02DL

Tot Ion: 49 Resp: 1277002

Ion Ratio Lower Upper

49 100

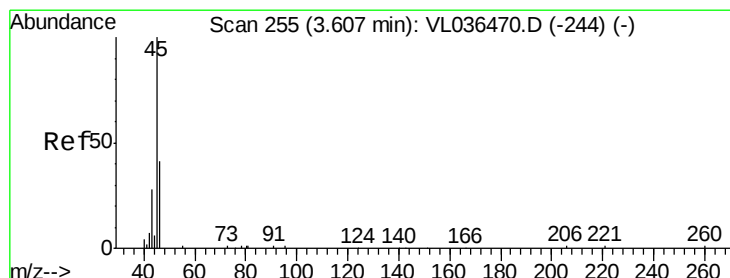
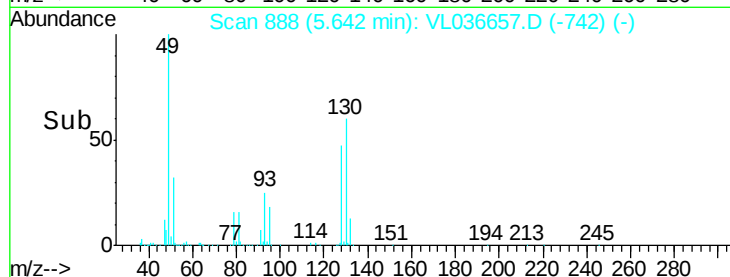
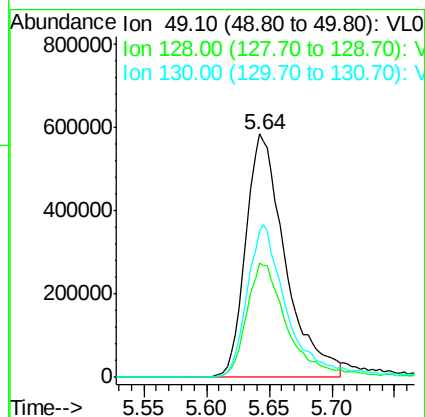
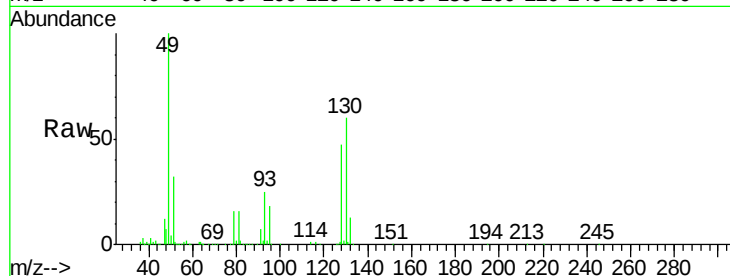
128 50.0 23.5 70.6

130 64.4 29.1 87.4

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#13

Ethanol

Concen: 18.780 ppbv m

RT: 3.59 min Scan# 251

Delta R.T. -0.01 min

Lab File: VL036657.D

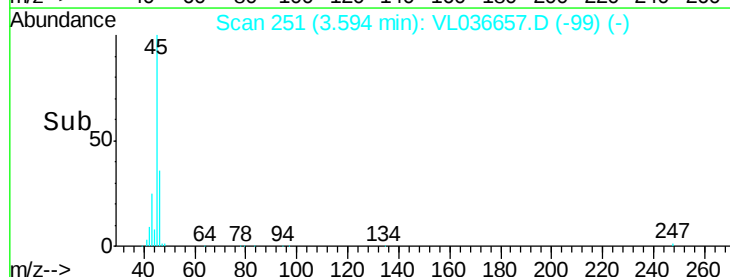
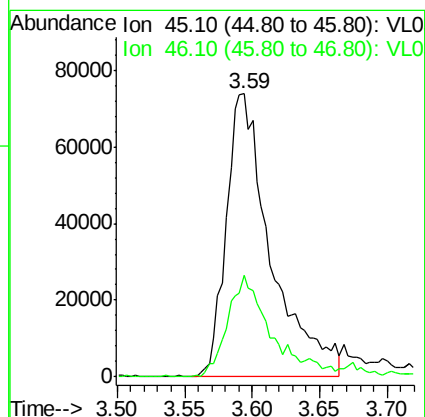
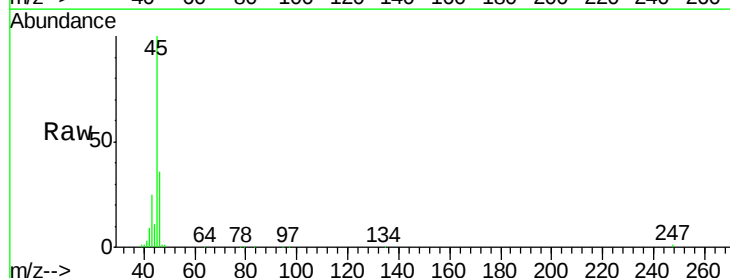
Acq: 2 Apr 2021 22:57

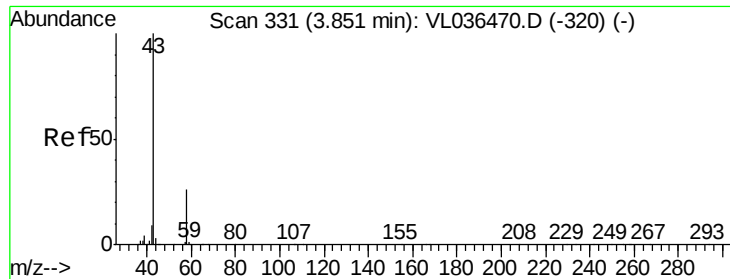
Tgt Ion: 45 Resp: 170104

Ion Ratio Lower Upper

45 100

46 34.8 16.6 66.2





#15

Acetone

Concen: 1.522 ppbv

RT: 3.84 min Scan# 326

Delta R.T. -0.02 min

Lab File: VL036657.D

Acq: 2 Apr 2021 22:57

Instrument :

MSVOA_L

ClientSampleId :

SOFF-SG-02DL

Tot Ion: 43 Resp: 191332

Ion Ratio Lower Upper

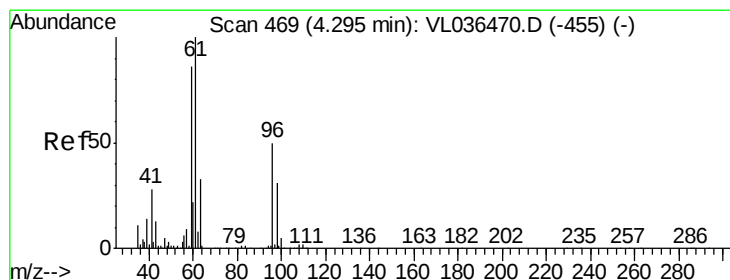
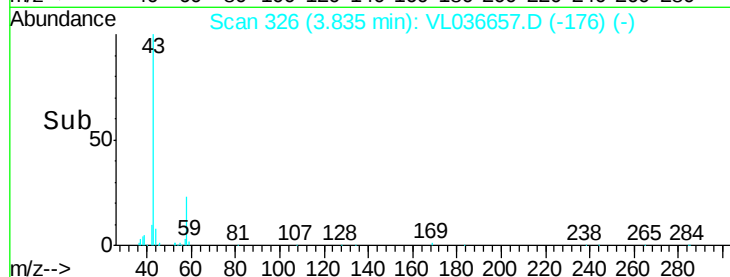
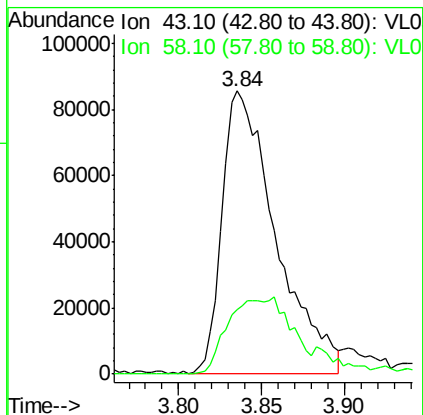
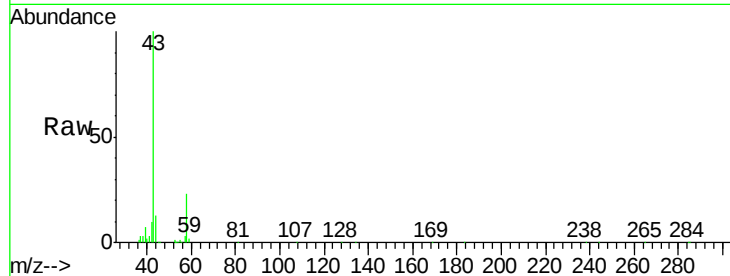
43 100

58 37.3 21.2 31.8#

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#17

tert-Butyl alcohol

Concen: 1.704 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.01 min

Lab File: VL036657.D

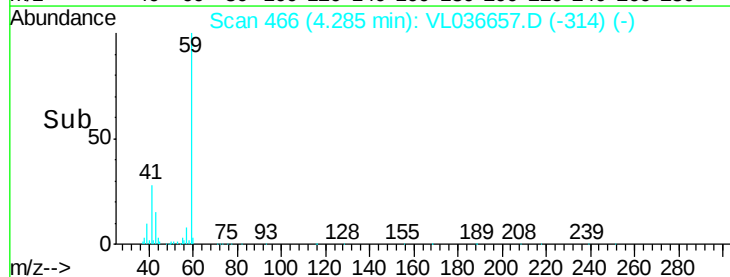
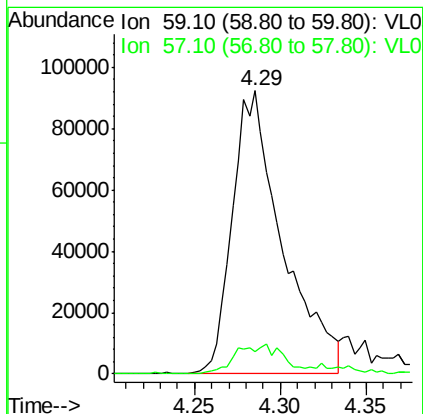
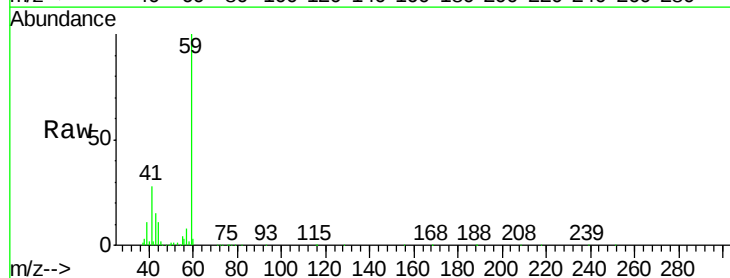
Acq: 2 Apr 2021 22:57

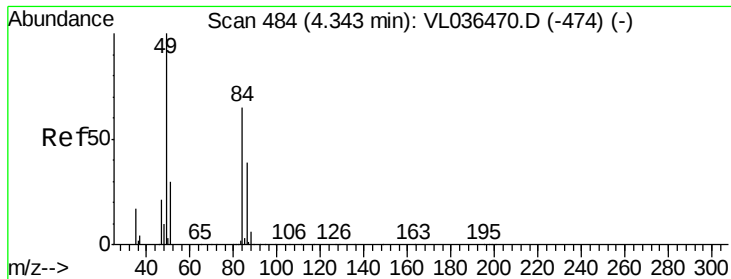
Tgt Ion: 59 Resp: 186488

Ion Ratio Lower Upper

59 100

57 13.2 8.6 12.8#





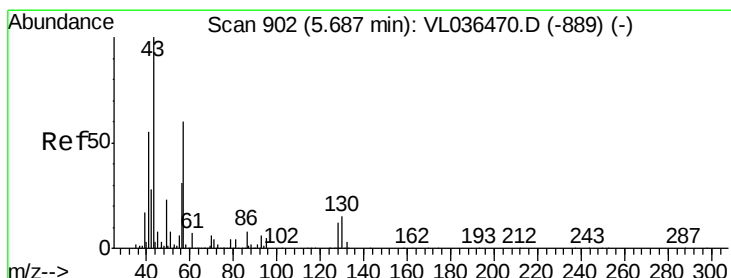
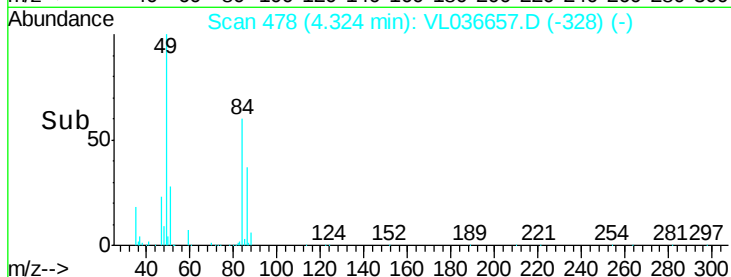
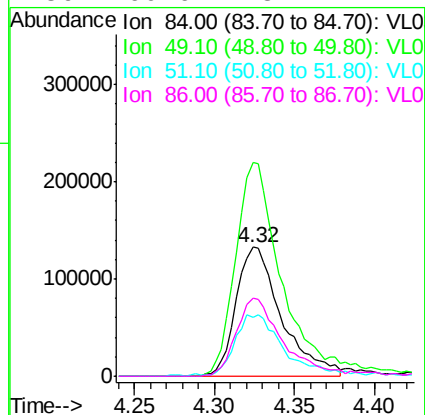
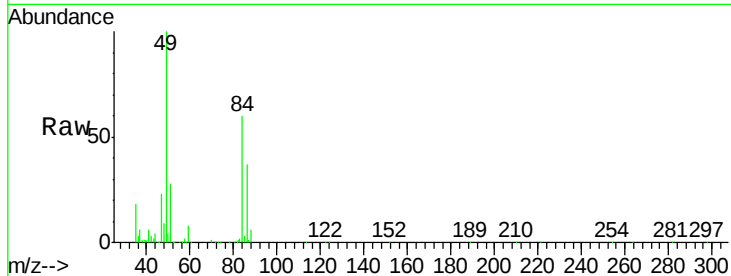
#20
Methvlene Chloride
Concen: 4.376 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL036657.D
Acq: 2 Apr 2021 22:57

Instrument :
MSVOA_L
ClientSampleId :
SOFF-SG-02DL

Tot Ion:	84	Resp:	257489
Ion	Ratio	Lower	Upper
84	100		
49	165.4	122.9	184.3
51	45.4	36.9	55.3
86	60.6	48.2	72.4

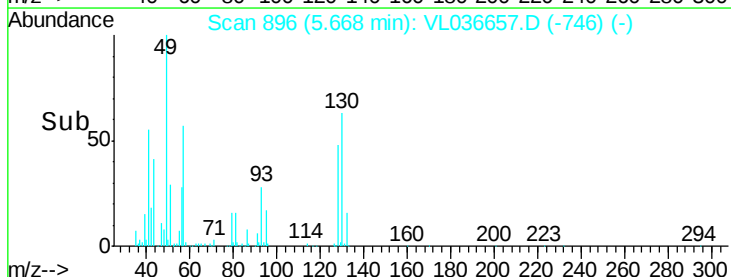
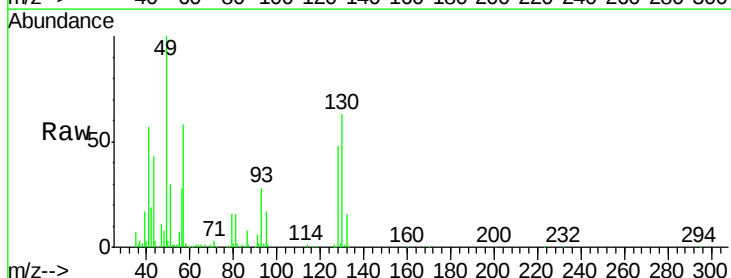
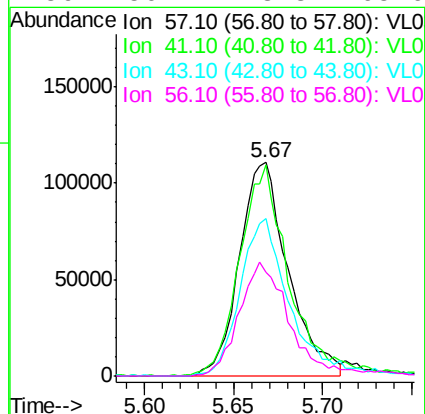
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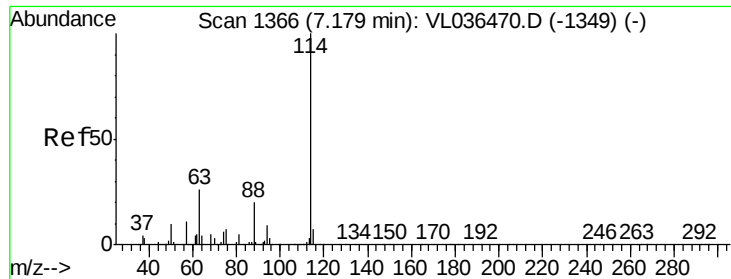
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#26
Hexane
Concen: 1.513 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL036657.D
Acq: 2 Apr 2021 22:57

Tgt Ion:	57	Resp:	209755
Ion	Ratio	Lower	Upper
57	100		
41	103.0	77.2	115.8
43	77.4	173.8	260.6#
56	56.4	43.8	65.6





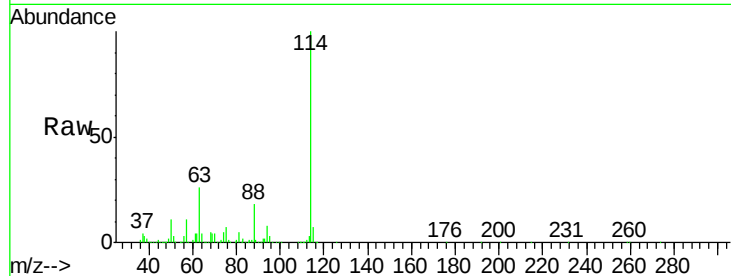
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: VL036657.D
 Acq: 2 Apr 2021 22:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-02DL

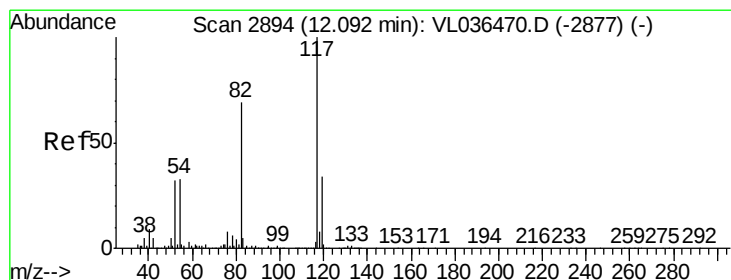
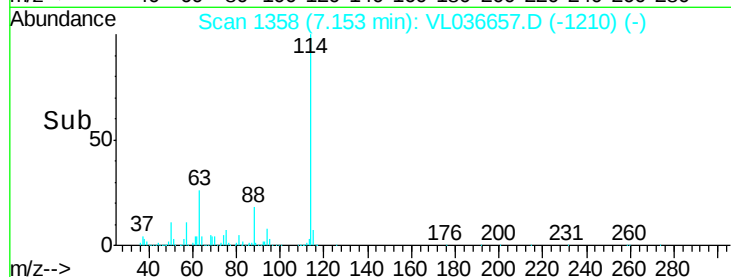
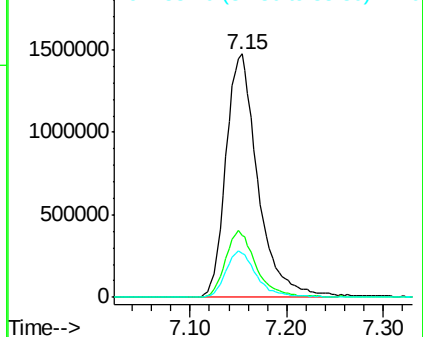
Tot Ion	Ratio	Lower	Upper
114	100		
63	26.7	22.4	33.6
88	18.4	15.4	23.0

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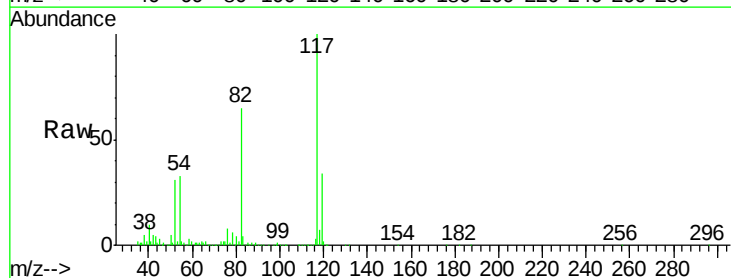


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

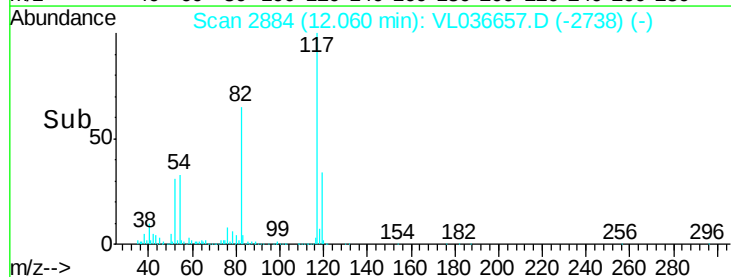
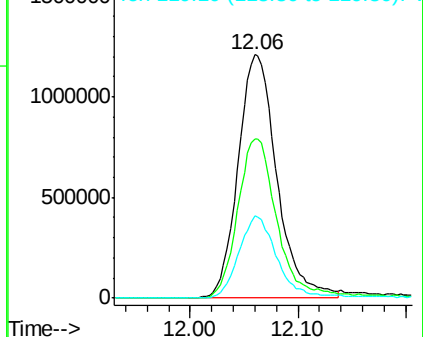


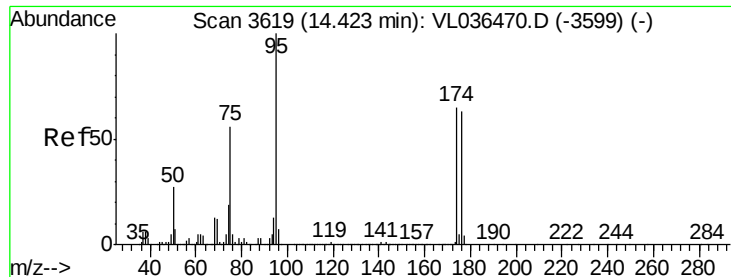
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2884
 Delta R.T. -0.03 min
 Lab File: VL036657.D
 Acq: 2 Apr 2021 22:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.2	57.4	86.0
119	34.0	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: 9.866 ppbv
 RT: 14.39 min Scan# 3609
 Delta R.T. -0.03 min
 Lab File: VL036657.D
 Acq: 2 Apr 2021 22:57

Instrument :
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Tot Ion	Ratio	Lower	Upper
95	100		
174	70.2	51.0	76.6
175	5.2	3.9	5.9

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