

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036658.D
 Acq On : 2 Apr 2021 23:35
 Operator : SY/AP
 Sample : M1853-02DL 40X
 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 03 07:18:46 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	5.65	49	1276737	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3345057	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2948123	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	2319694	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	3.60	45	45997m	5.079	ppbv	
15) Acetone	3.84	43	66417	0.529	ppbv #	49
17) tert-Butyl alcohol	4.30	59	39947	0.365	ppbv	97
20) Methylene Chloride	4.33	84	71316	1.212	ppbv	97
26) Hexane	5.67	57	56736	0.409	ppbv #	44

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

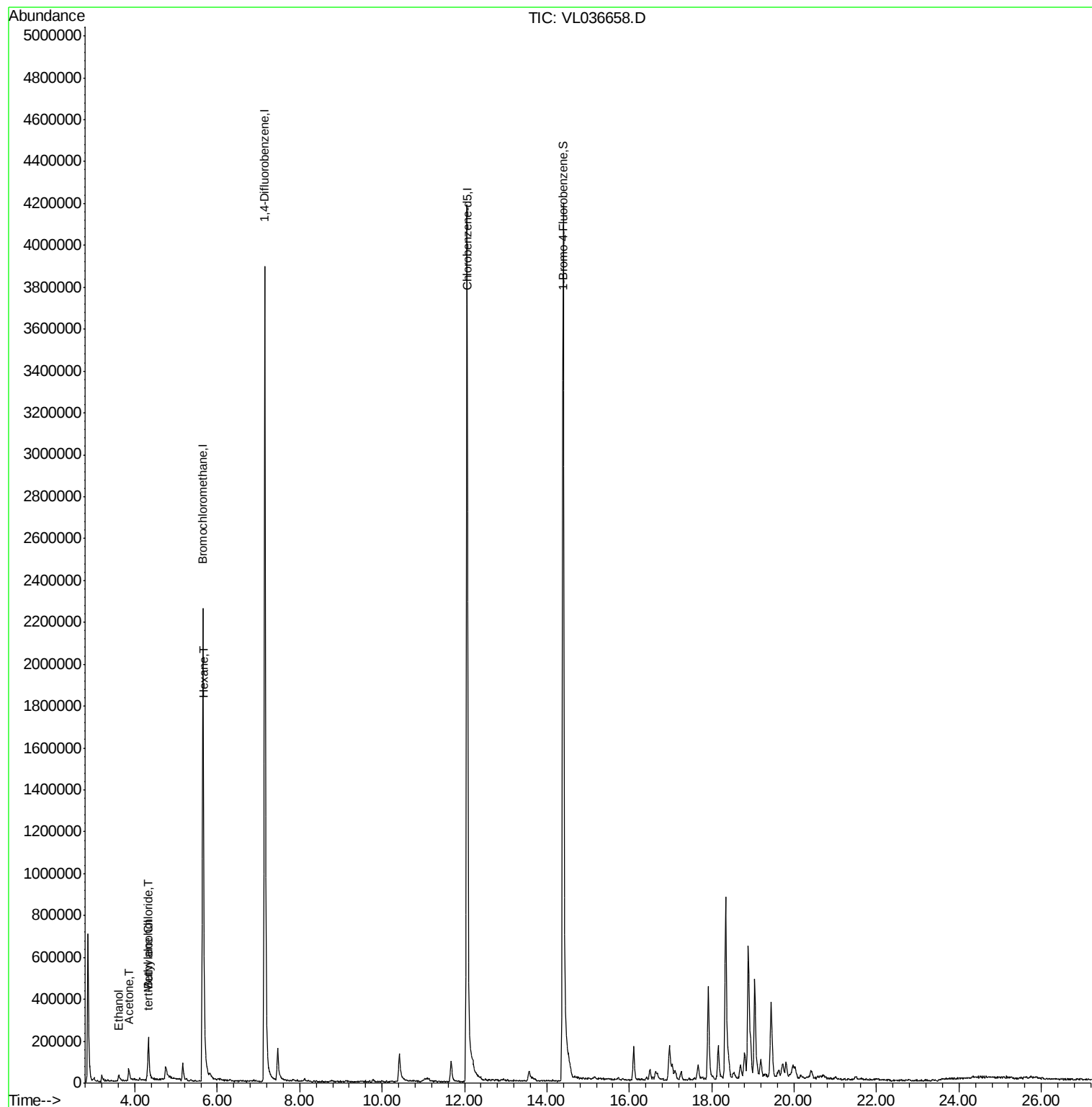
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
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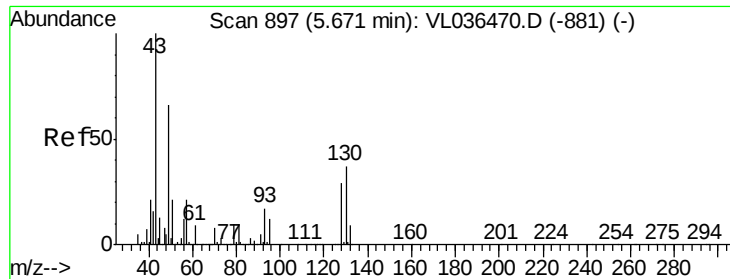
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#1

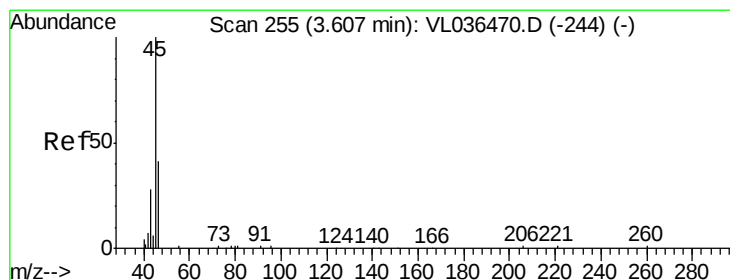
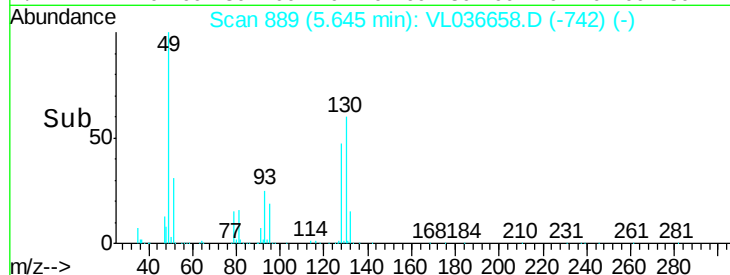
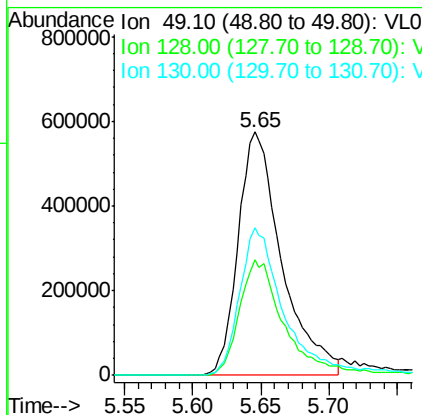
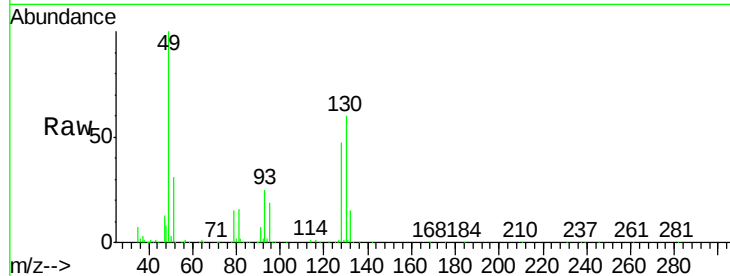
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 889
 Delta R.T. -0.03 min
 Lab File: VL036658.D
 Acq: 2 Apr 2021 23:35

Instrument :
 MSVOA_L
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
49	100		
128	50.3	23.5	70.6
130	63.6	29.1	87.4

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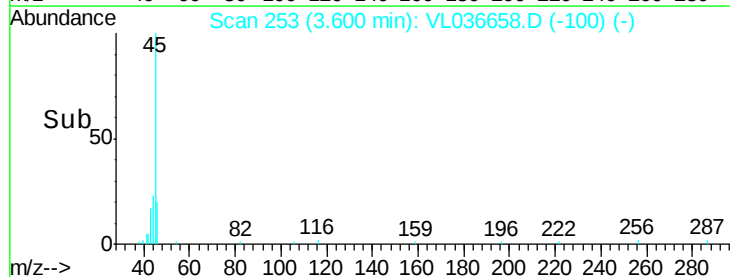
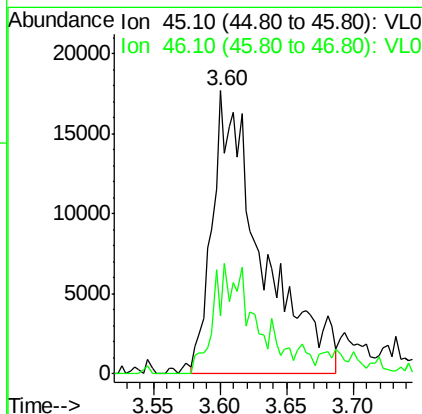
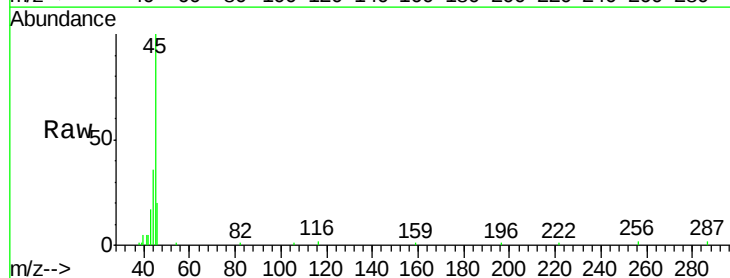
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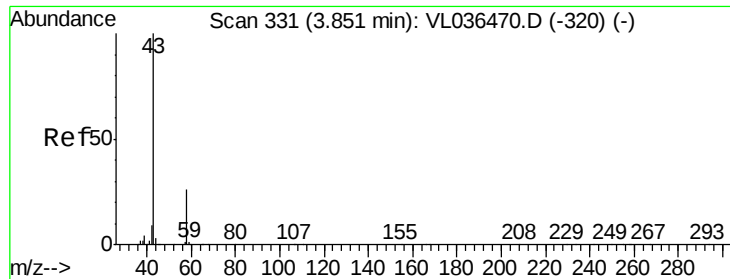


#13

Ethanol
 Concen: 5.079 ppbv m
 RT: 3.60 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VL036658.D
 Acq: 2 Apr 2021 23:35

Tgt Ion	Ratio	Lower	Upper
45	100		
46	33.9	16.6	66.2





#15

Acetone

Concen: 0.529 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL036658.D

Acq: 2 Apr 2021 23:35

Instrument :

MSVOA_L

ClientSampleId :

SOFF-SG-02DL

Tot Ion: 43 Resp: 66417

Ion Ratio Lower Upper

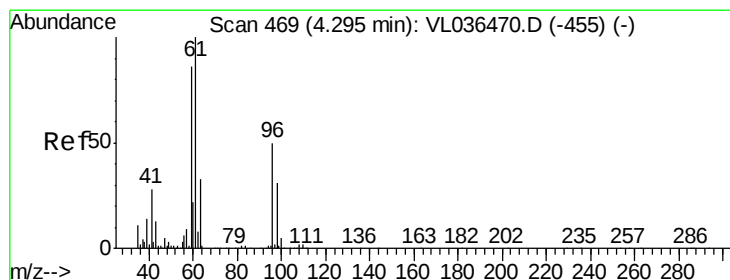
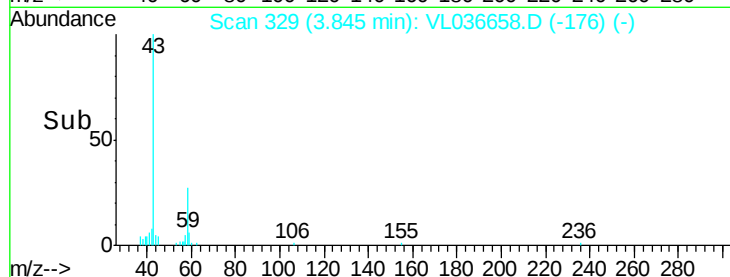
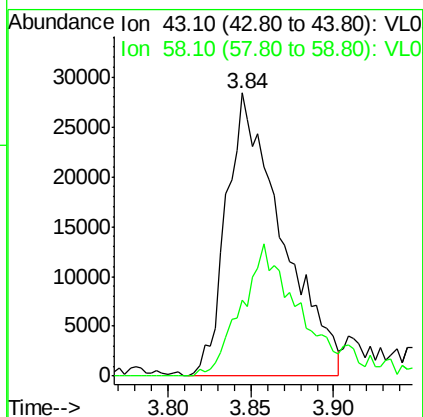
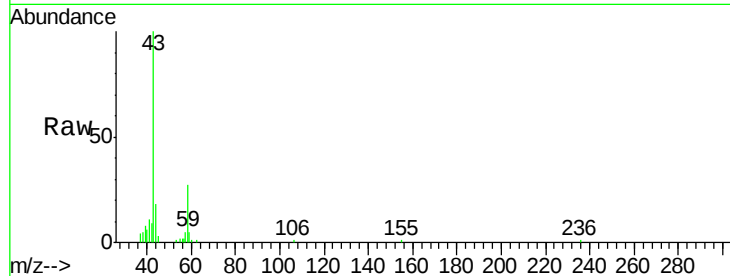
43 100

58 52.5 21.2 31.8#

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#17

tert-Butyl alcohol

Concen: 0.365 ppbv

RT: 4.30 min Scan# 472

Delta R.T. 0.01 min

Lab File: VL036658.D

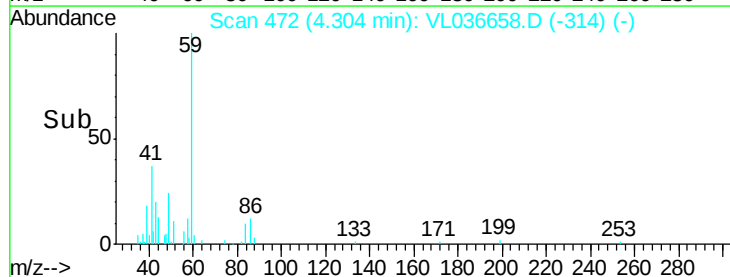
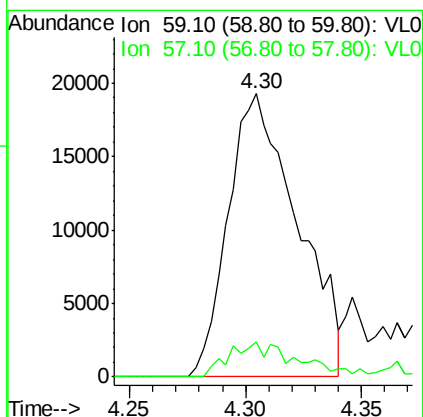
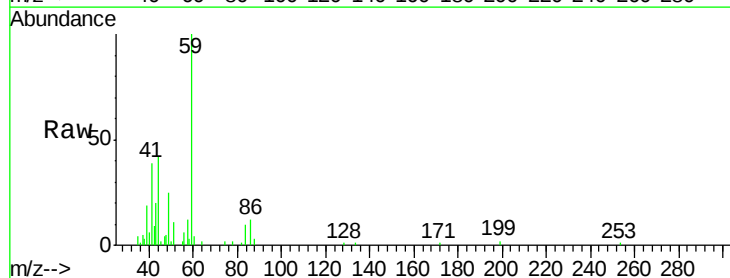
Acq: 2 Apr 2021 23:35

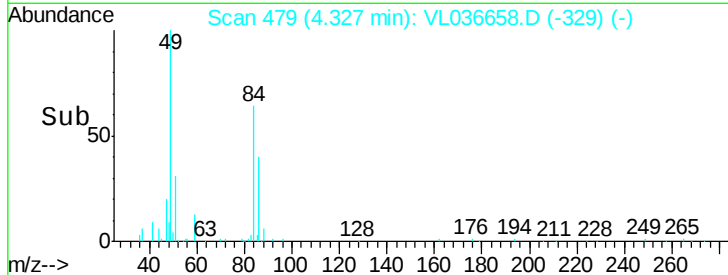
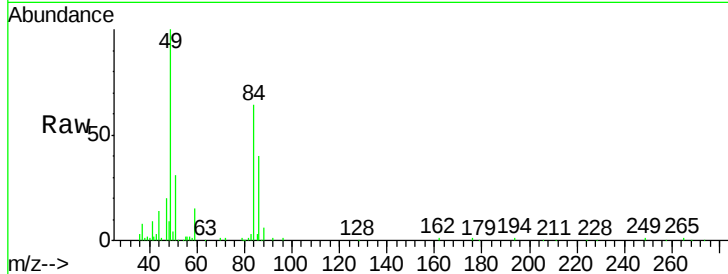
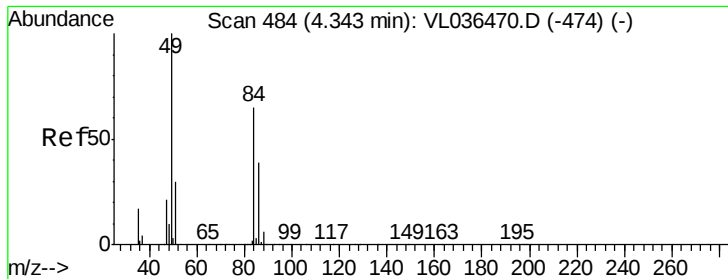
Tgt Ion: 59 Resp: 39947

Ion Ratio Lower Upper

59 100

57 11.9 8.6 12.8





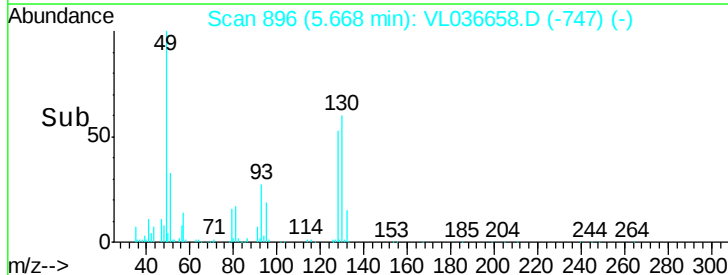
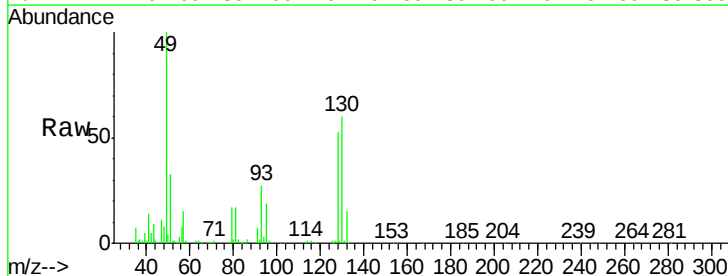
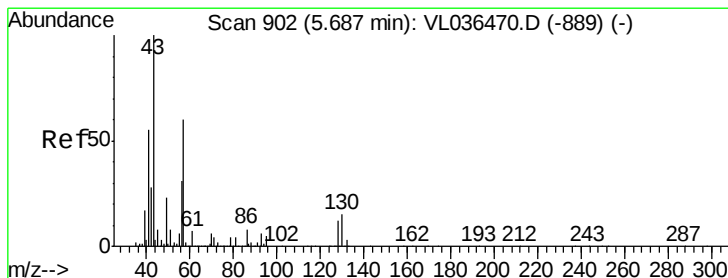
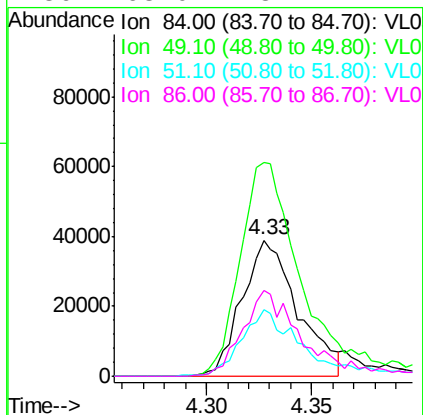
#20
Methvlene Chloride
Concen: 1.212 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL036658.D
Acq: 2 Apr 2021 23:35

Tot Ion:	84	Resp:	71316
Ion	Ratio	Lower	Upper
84	100		
49	157.2	122.9	184.3
51	47.8	36.9	55.3
86	63.0	48.2	72.4

Instrument :
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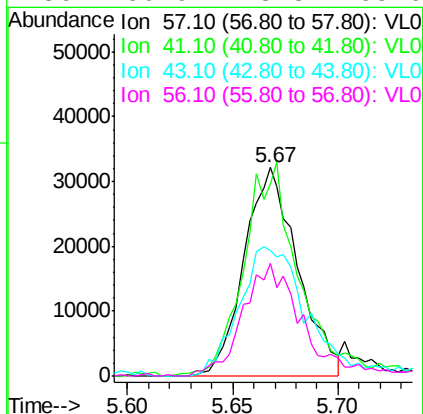
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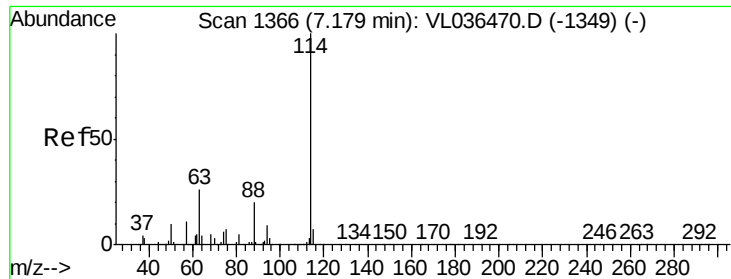
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#26
Hexane
Concen: 0.409 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL036658.D
Acq: 2 Apr 2021 23:35

Tgt Ion:	57	Resp:	56736
Ion	Ratio	Lower	Upper
57	100		
41	111.3	77.2	115.8
43	80.3	173.8	260.6#
56	60.9	43.8	65.6





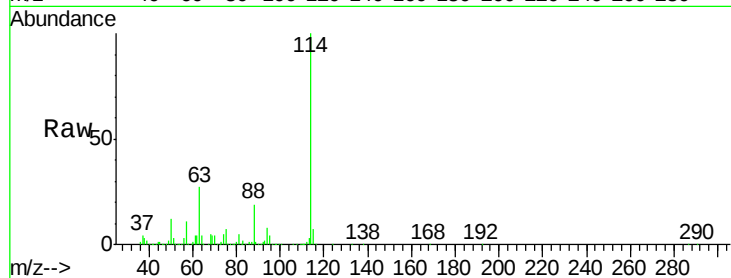
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: VL036658.D
 Acq: 2 Apr 2021 23:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-02DL

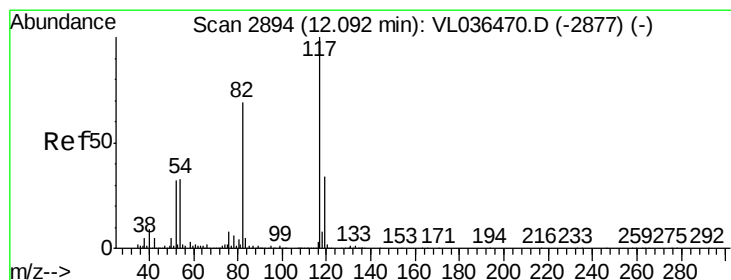
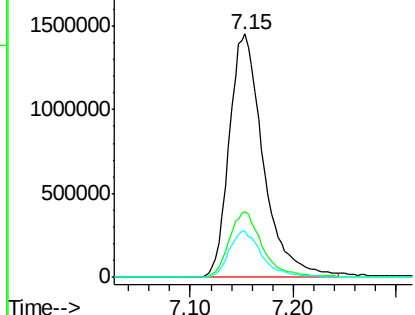
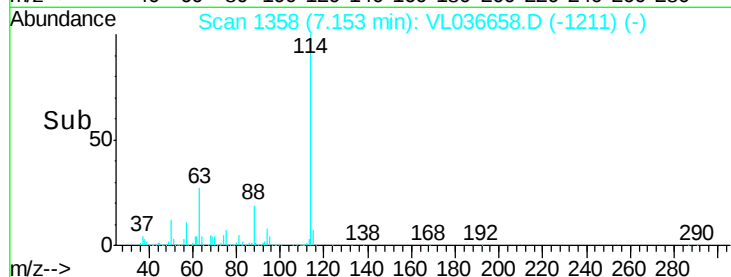
Tot Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.4	33.6
88	18.9	15.4	23.0

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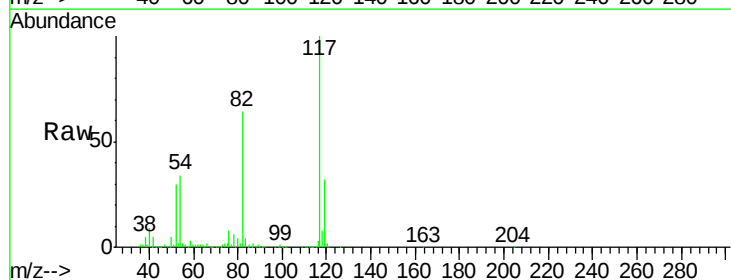


Abundance Ion 114.10 (113.80 to 114.80): V
 2000000
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

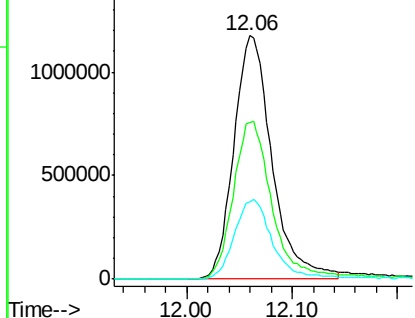
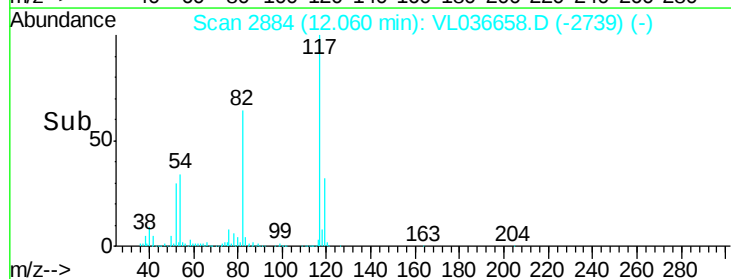


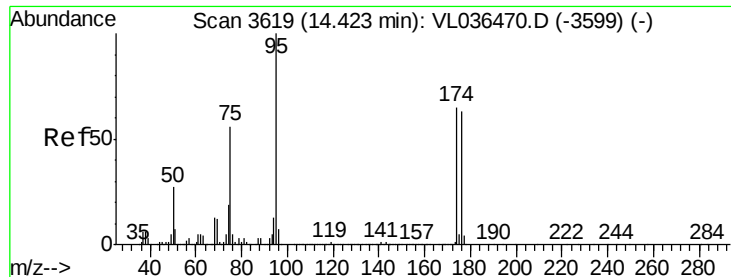
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2884
 Delta R.T. -0.03 min
 Lab File: VL036658.D
 Acq: 2 Apr 2021 23:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.2	57.4	86.0
119	33.4	47.4	71.0#



Abundance Ion 117.10 (116.80 to 117.80): V
 1500000
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.872 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.03 min
 Lab File: VL036658.D
 Acq: 2 Apr 2021 23:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-02DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.1	51.0	76.6
175	5.3	3.9	5.9

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