

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037803.D
 Acq On : 7 Oct 2021 19:44
 Operator : SY/AP
 Sample : M4079-08DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P20DL

Manual Integrations
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Quant Time: Oct 08 10:53:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1520591	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4245890	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3591908	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2485823	9.90	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	17732m	0.165	ppbv	
13) Ethanol	3.61	45	24564m	2.794	ppbv	
15) Acetone	3.85	43	272745	1.998	ppbv	93
20) Methylene Chloride	4.33	84	40909m	0.593	ppbv	
26) Hexane	5.67	57	19211	0.102	ppbv #	45
34) 2-Butanone	5.26	43	63272m	0.369	ppbv	
52) Tetrachloroethene	11.21	164	15969m	0.113	ppbv	

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

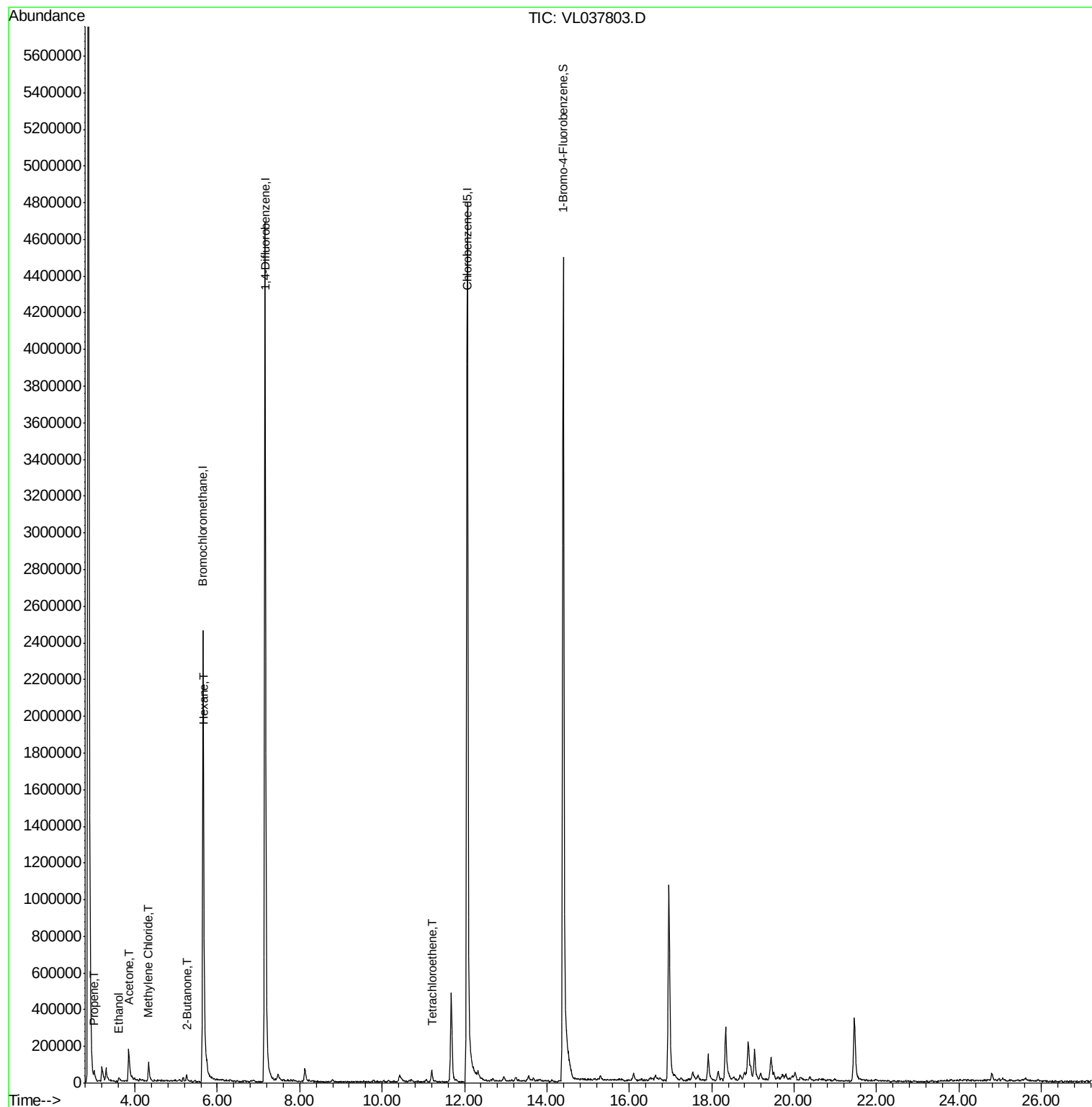
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037803.D
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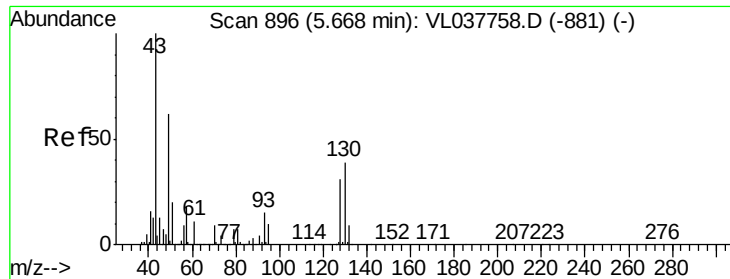
Instrument :
MSVOA_L
ClientSampleId :
C0P20DL

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Response via : Initial Calibration





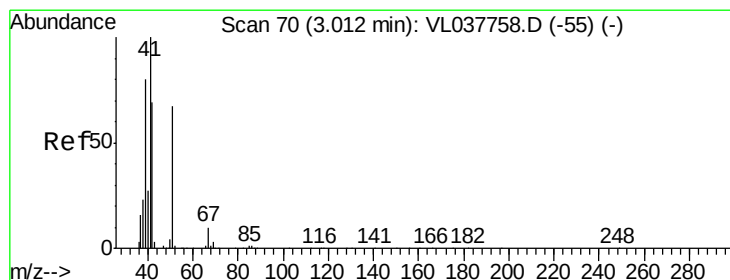
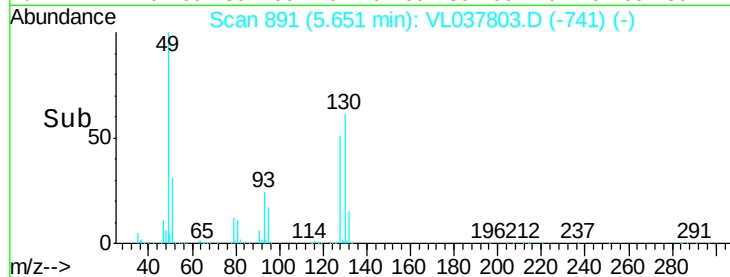
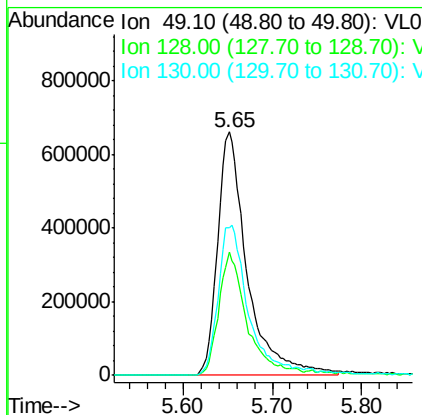
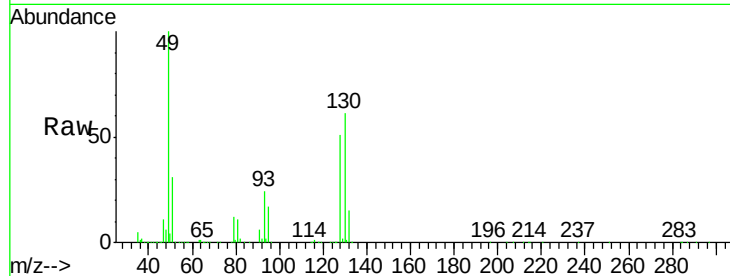
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL037803.D
Acq: 7 Oct 2021 19:44

Instrument :
MSVOA_L
ClientSampled :
C0P20DL

Tgt Ion: 49 Resp: 1520591
Ion Ratio Lower Upper
49 100
128 50.9 27.1 81.3
130 65.8 33.2 99.6

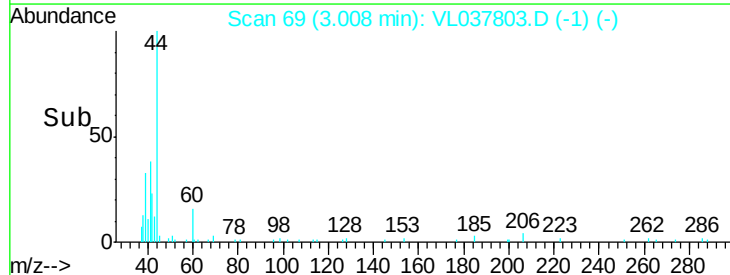
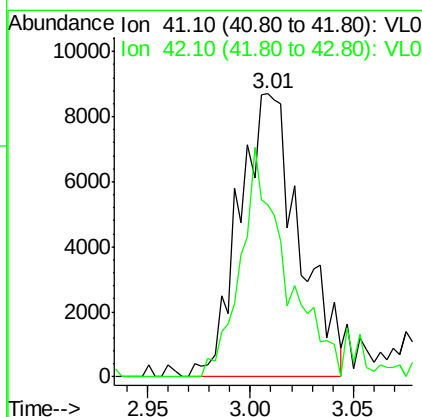
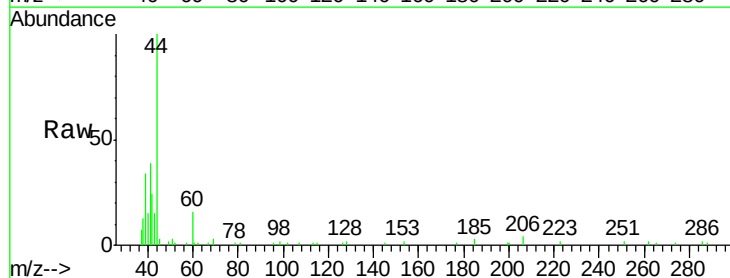
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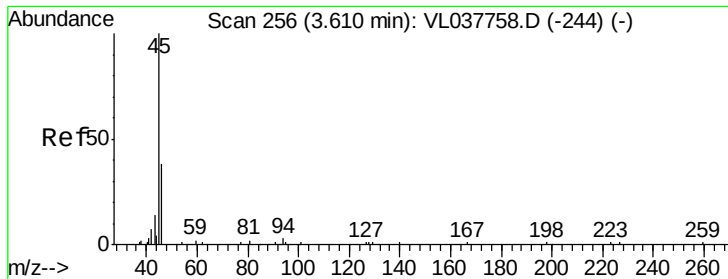
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#9
Propene
Concen: 0.165 ppbv m
RT: 3.01 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL037803.D
Acq: 7 Oct 2021 19:44

Tgt Ion: 41 Resp: 17732
Ion Ratio Lower Upper
41 100
42 64.8 54.2 81.2





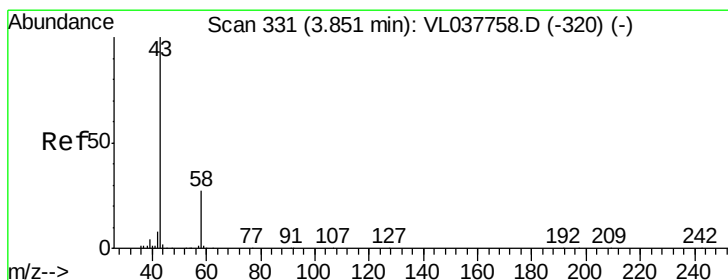
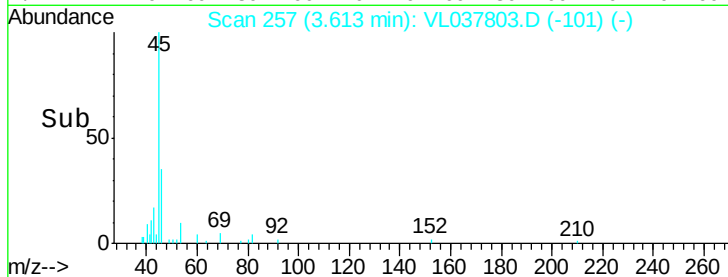
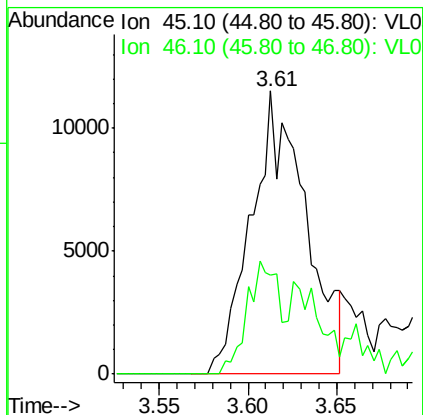
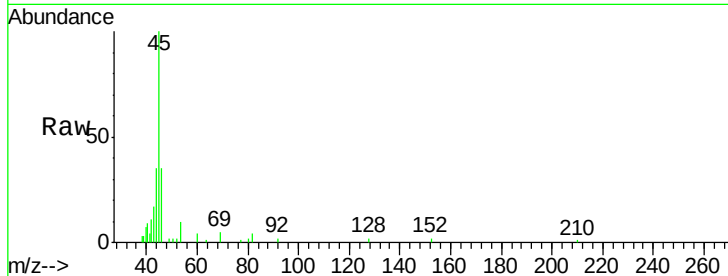
#13
Ethanol
Concen: 2.794 ppbv m
RT: 3.61 min Scan# 257
Delta R.T. 0.00 min
Lab File: VL037803.D
Acq: 7 Oct 2021 19:44

Instrument :
MSVOA_L
ClientSampled :
C0P20DL

Tgt Ion: 45 Resp: 24564
Ion Ratio Lower Upper
45 100
46 41.1 20.2 81.0

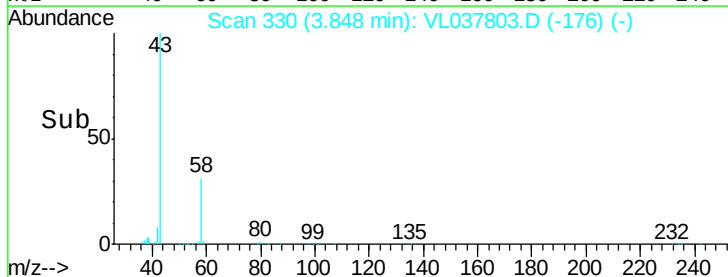
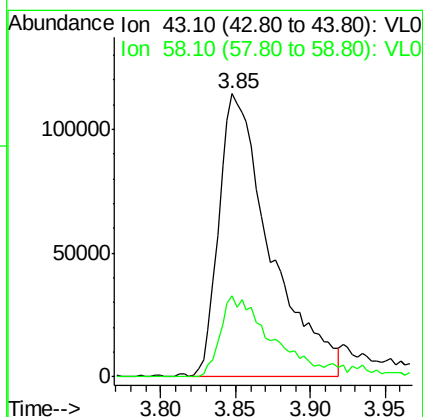
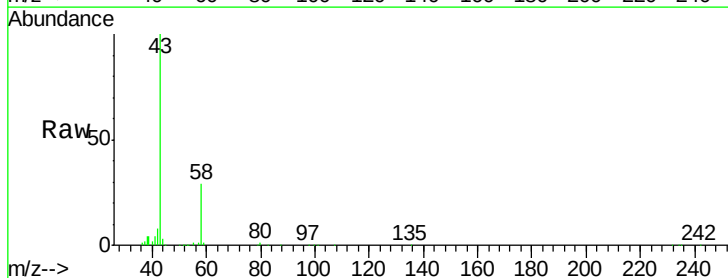
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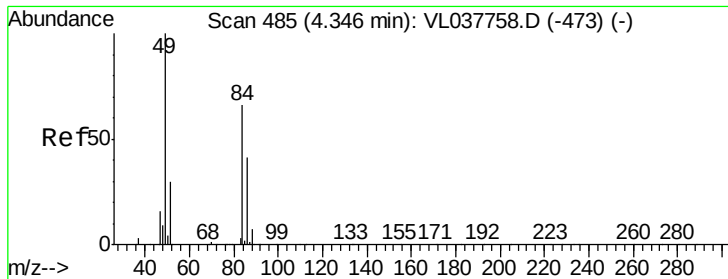
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#15
Acetone
Concen: 1.998 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL037803.D
Acq: 7 Oct 2021 19:44

Tgt Ion: 43 Resp: 272745
Ion Ratio Lower Upper
43 100
58 32.3 23.0 34.6





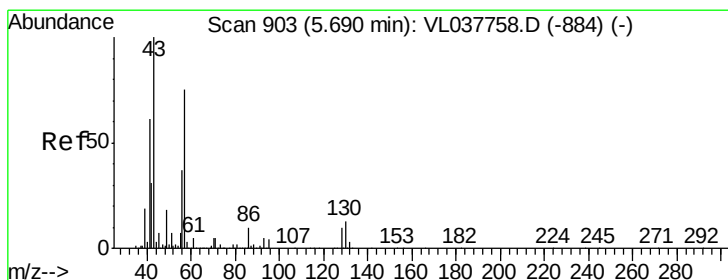
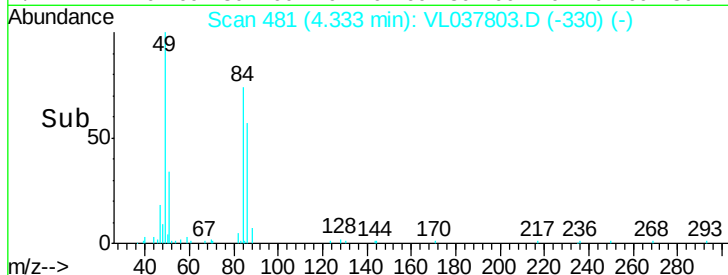
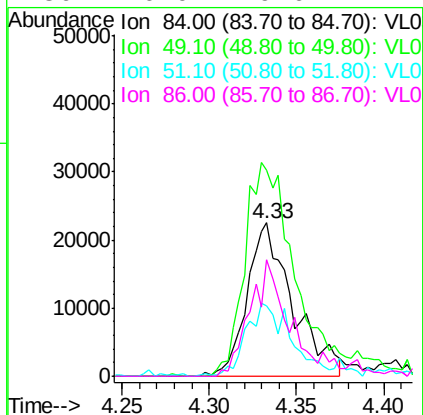
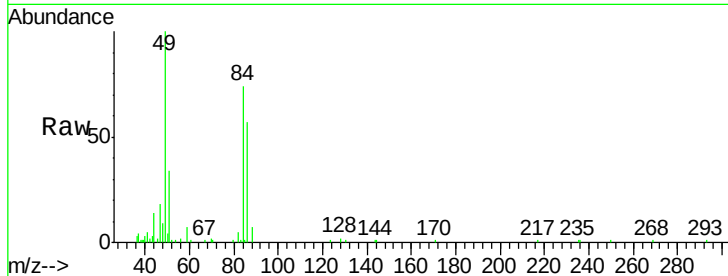
#20
Methylene Chloride
Concen: 0.593 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL037803.D
Acq: 7 Oct 2021 19:44

Instrument :
MSVOA_L
ClientSampleID :
C0P20DL

Tgt Ion:	84	Resp:	40909
Ion	Ratio	Lower	Upper
84	100		
49	134.3	120.7	181.1
51	46.2	36.2	54.4
86	76.0	49.6	74.4#

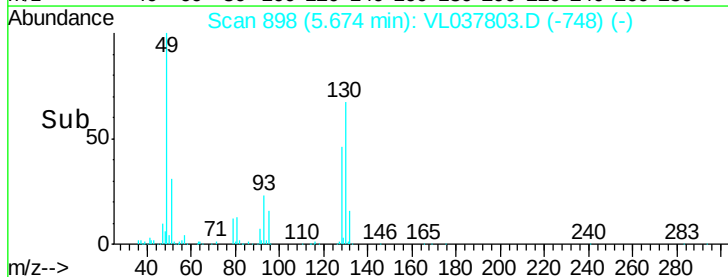
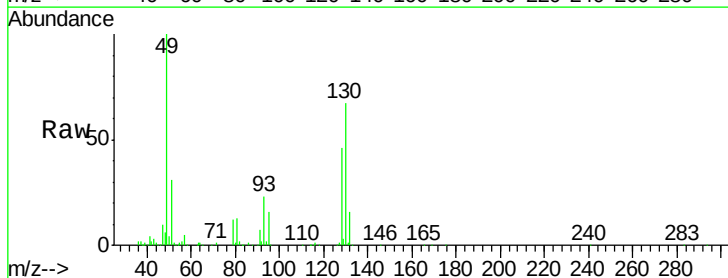
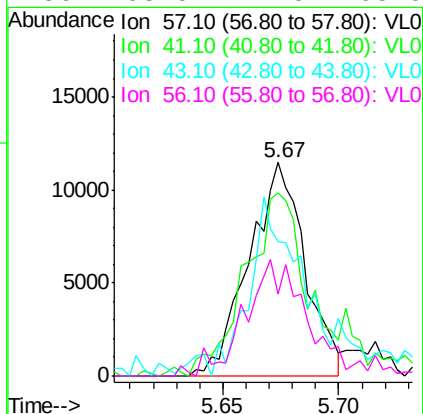
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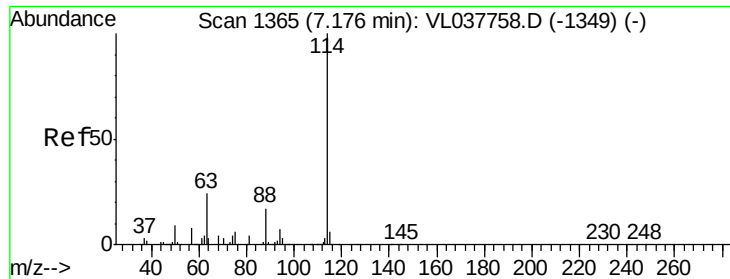
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#26
Hexane
Concen: 0.102 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.02 min
Lab File: VL037803.D
Acq: 7 Oct 2021 19:44

Tgt Ion:	57	Resp:	19211
Ion	Ratio	Lower	Upper
57	100		
41	112.9	69.6	104.4#
43	95.1	171.4	257.0#
56	63.0	42.0	63.0





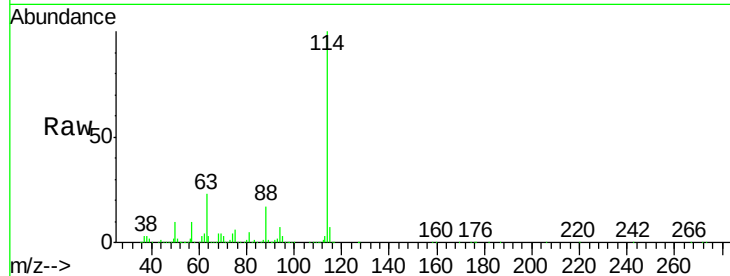
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: VL037803.D
 Acq: 7 Oct 2021 19:44

Instrument :
 MSVOA_L
 ClientSampleID :
 C0P20DL

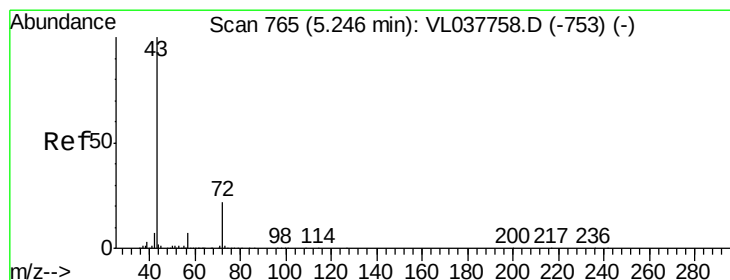
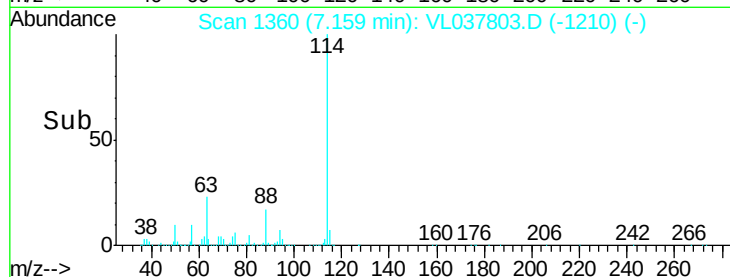
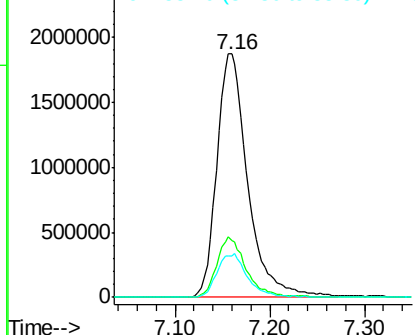
Tgt Ion: 114 Resp: 4245890
 Ion Ratio Lower Upper
 114 100
 63 23.8 19.4 29.2
 88 17.9 14.4 21.6

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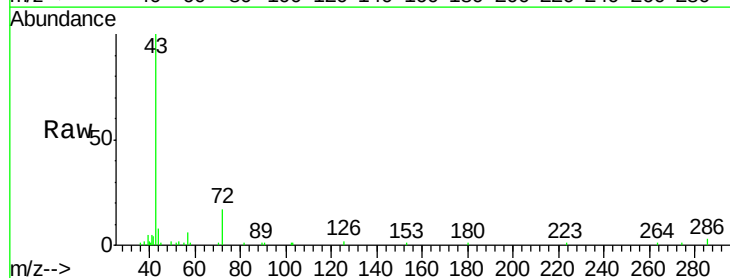


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

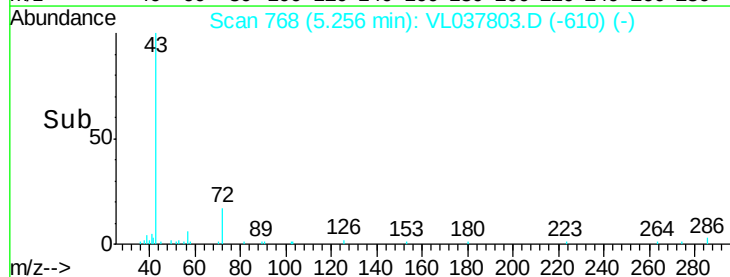
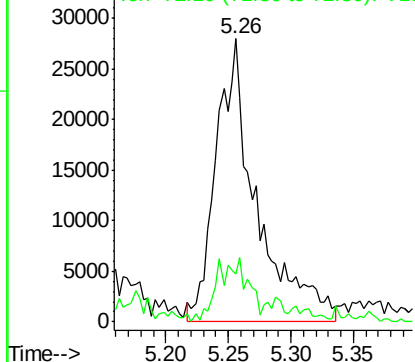


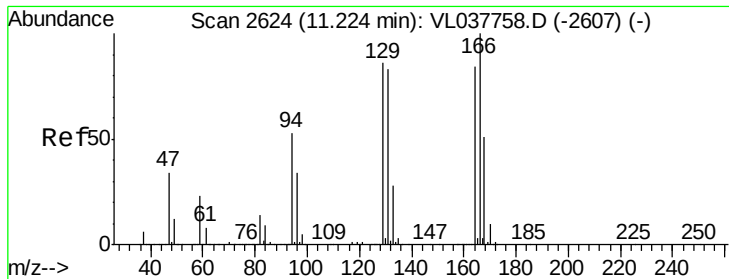
#34
 2-Butanone
 Concen: 0.369 ppbv m
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL037803.D
 Acq: 7 Oct 2021 19:44

Tgt Ion: 43 Resp: 63272
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.2 27.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#52

Tetrachloroethene

Concen: 0.113 ppbv m

RT: 11.21 min Scan# 2619

Delta R.T. -0.02 min

Lab File: VL037803.D

Acq: 7 Oct 2021 19:44

Instrument :

MSVOA_L

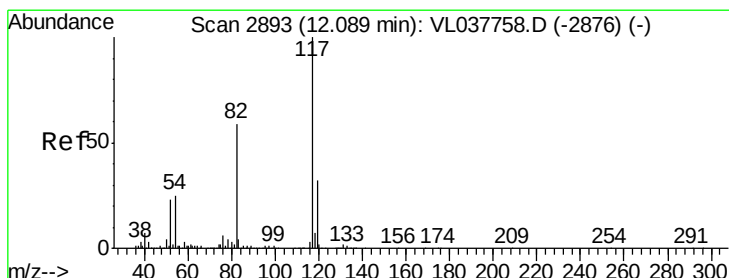
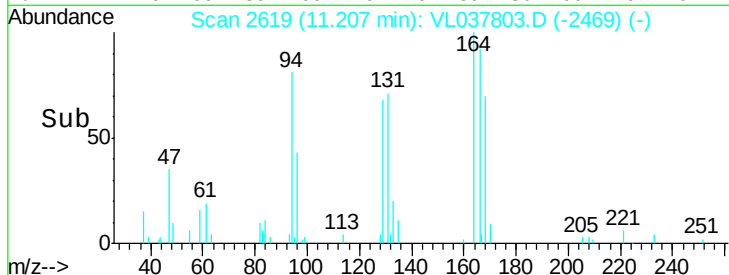
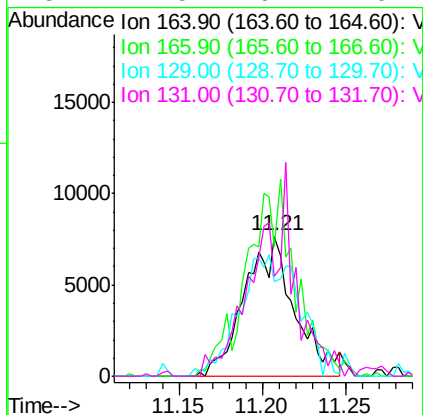
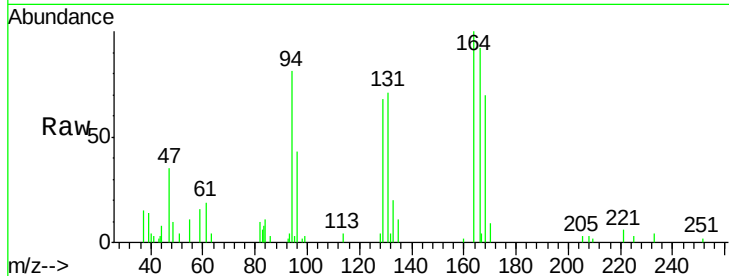
ClientSampled :

C0P20DL

Tgt Ion:	164	Resp:	15969
Ion Ratio	Lower	Upper	
164	100		
166	92.4	95.4	143.2#
129	68.3	82.2	123.4#
131	71.5	79.4	119.2#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

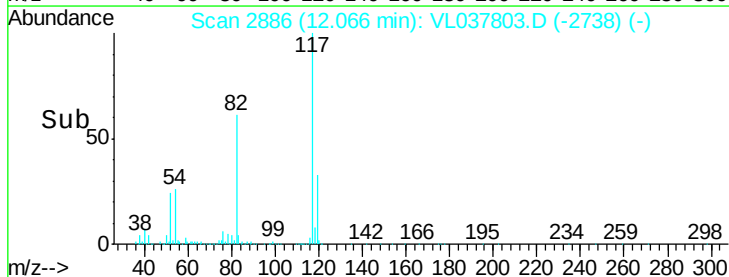
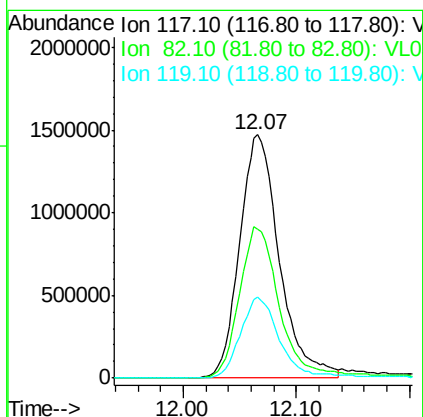
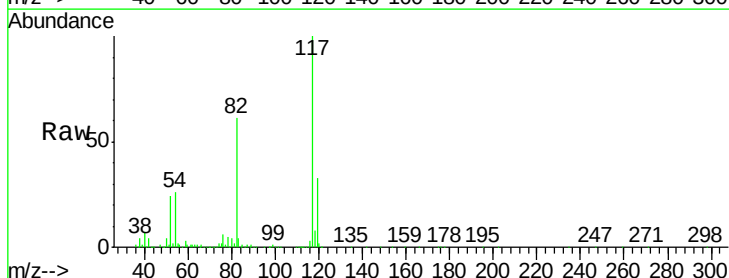
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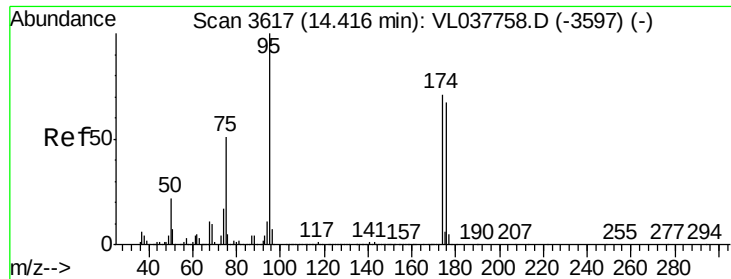
Delta R.T. -0.02 min

Lab File: VL037803.D

Acq: 7 Oct 2021 19:44

Tgt Ion:	117	Resp:	3591908
Ion Ratio	Lower	Upper	
117	100		
82	65.8	52.2	78.2
119	33.8	26.0	39.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.896 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. -0.02 min
 Lab File: VL037803.D
 Acq: 7 Oct 2021 19:44

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P20DL

Tgt Ion: 95 Resp: 2485823
 Ion Ratio Lower Upper
 95 100
 174 77.8 57.8 86.6
 175 5.8 4.7 7.1

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