

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037791.D
 Acq On : 6 Oct 2021 2:27
 Operator : SY/AP
 Sample : M4012-15DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P26DL

Manual Integrations
 APPROVED

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 10/11/2021 7:36:45 PM

Quant Time: Oct 06 06:36:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.64	49	1184929	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3542946	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2962964	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2054128	9.91	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	12445m	0.149	ppbv	
13) Ethanol	3.59	45	102696	14.990	ppbv	95
15) Acetone	3.84	43	132670	1.247	ppbv #	80
19) Isopropyl Alcohol	3.97	45	44619m	0.674	ppbv	
20) Methylene Chloride	4.33	84	57728	1.074	ppbv	98
26) Hexane	5.67	57	39693m	0.270	ppbv	
52) Tetrachloroethene	11.19	164	22877m	0.194	ppbv	
53) Toluene	9.79	91	42625m	0.127	ppbv	

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

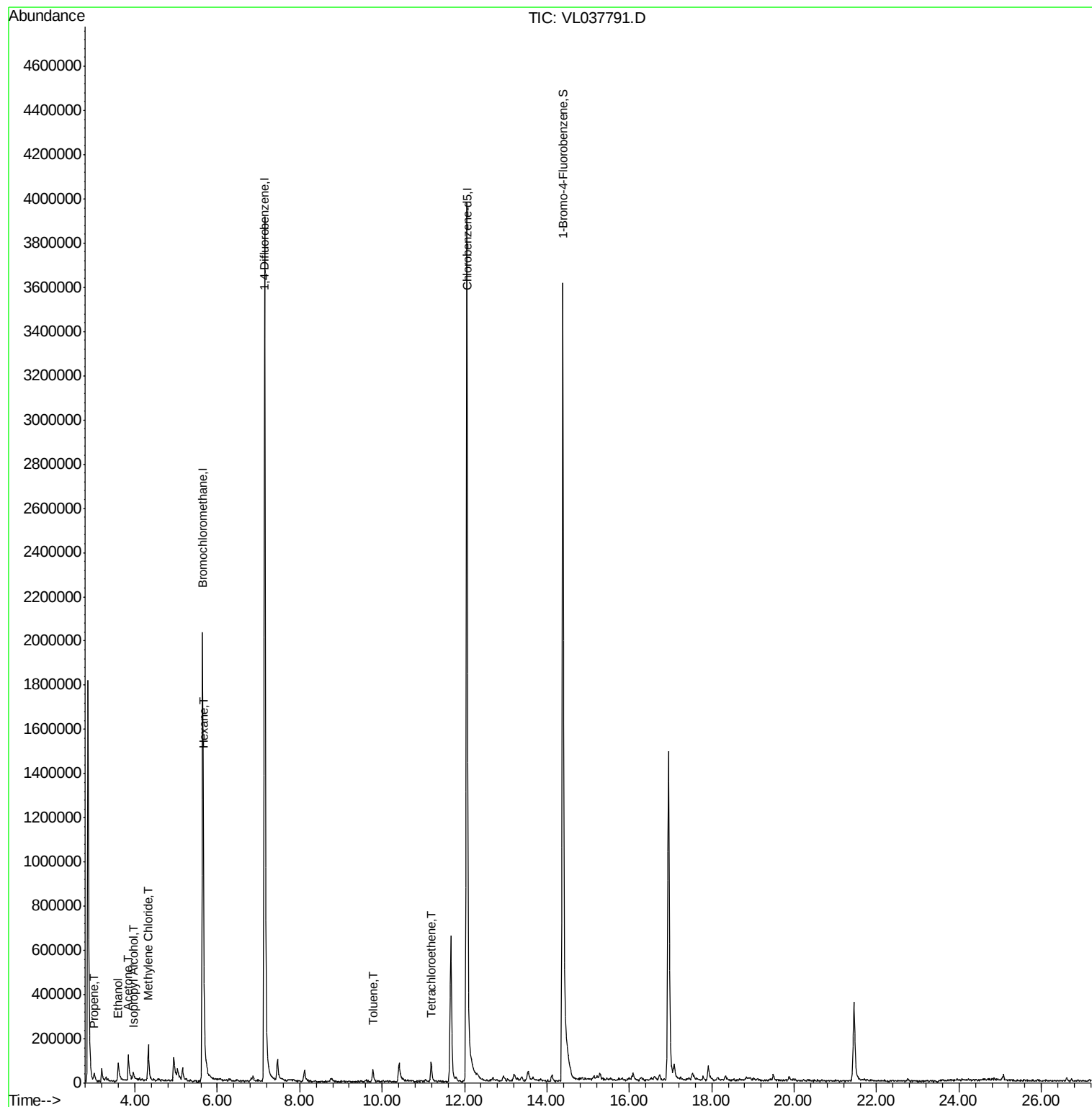
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
Data File : VL037791.D
Acq On : 6 Oct 2021 2:27
Operator : SY/AP
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Misc : 400mL/MSVOA_L
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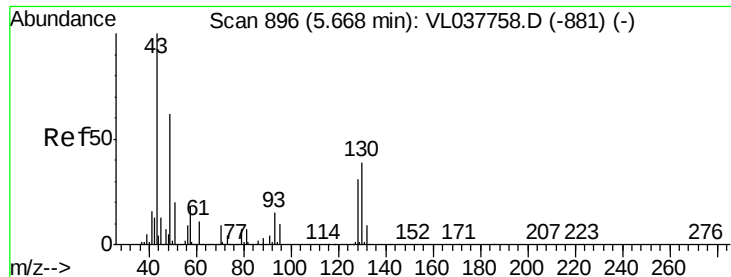
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Oct 06 06:36:08 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.03 min

Lab File: VL037791.D

Acq: 6 Oct 2021 2:27

Instrument :

MSVOA_L

ClientSampleID :

C0P26DL

Tgt Ion: 49 Resp: 1184929

Ion Ratio Lower Upper

49 100

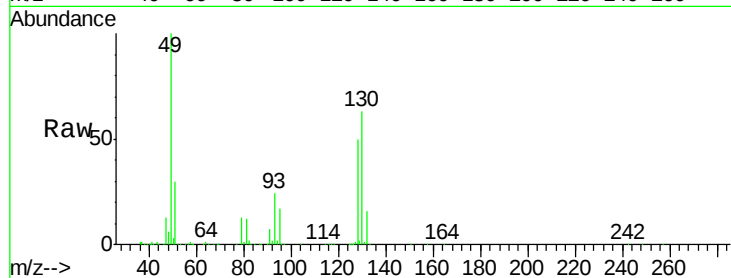
128 52.6 27.1 81.3

130 69.5 33.2 99.6

Manual Integrations
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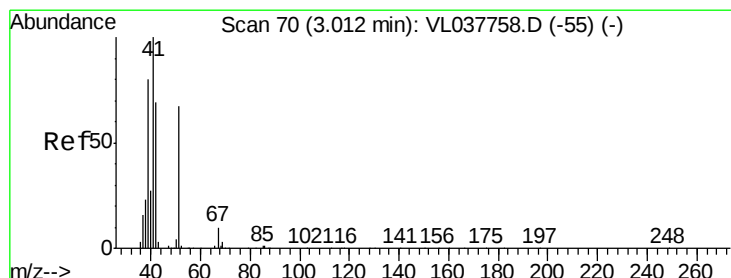
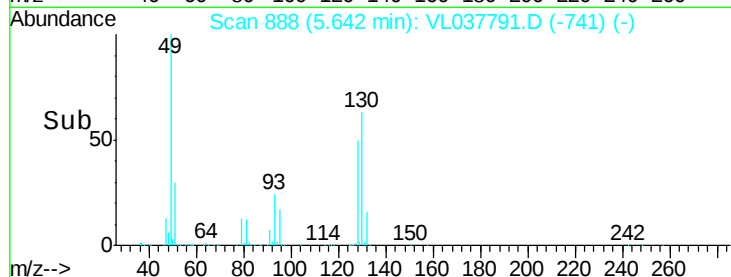
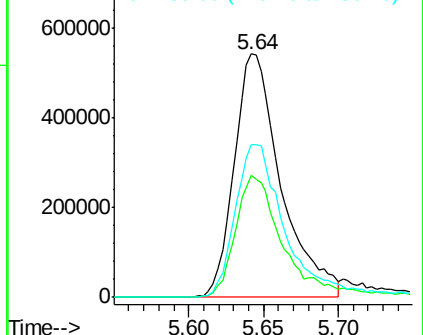
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.149 ppbv m

RT: 3.01 min Scan# 70

Delta R.T. -0.00 min

Lab File: VL037791.D

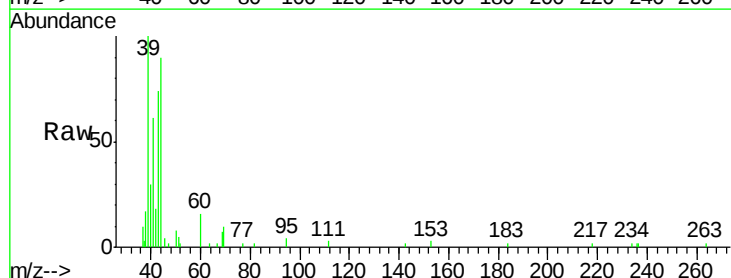
Acq: 6 Oct 2021 2:27

Tgt Ion: 41 Resp: 12445

Ion Ratio Lower Upper

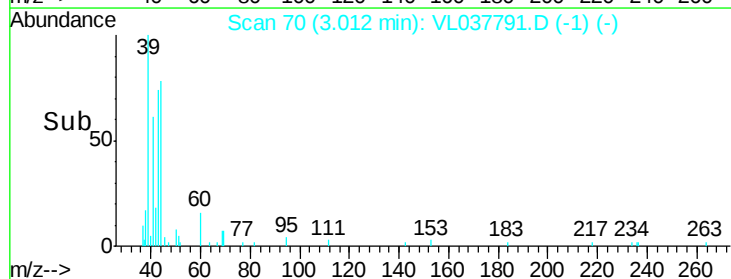
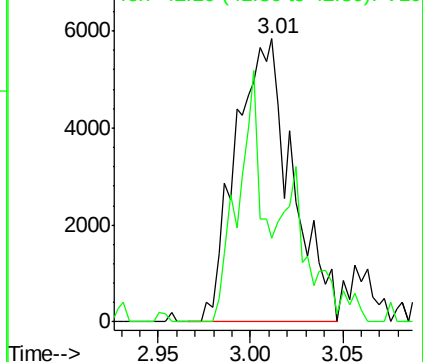
41 100

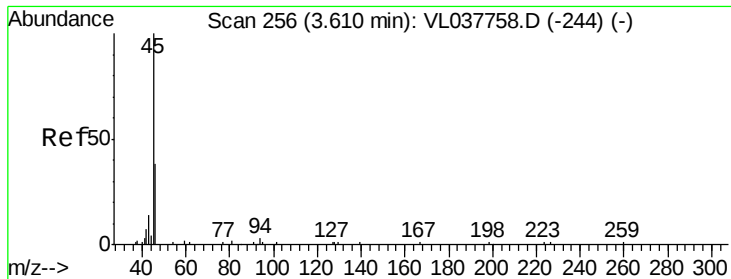
42 0.0 54.2 81.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





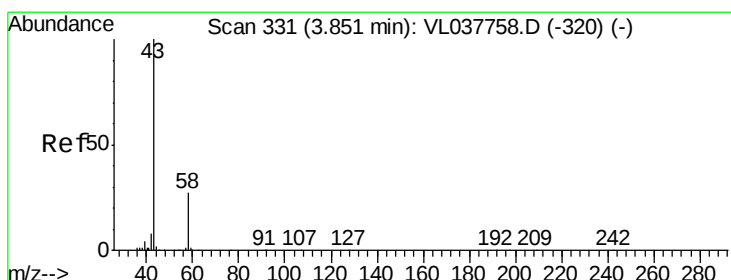
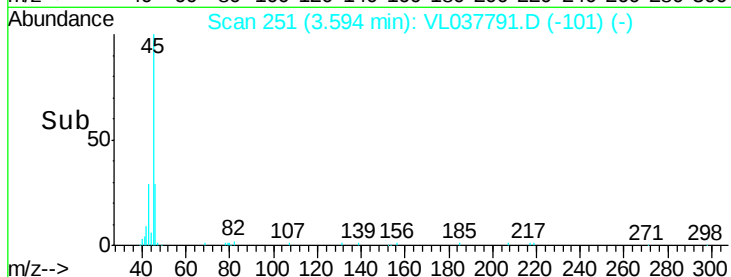
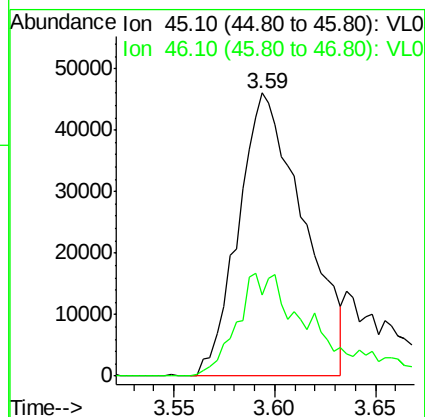
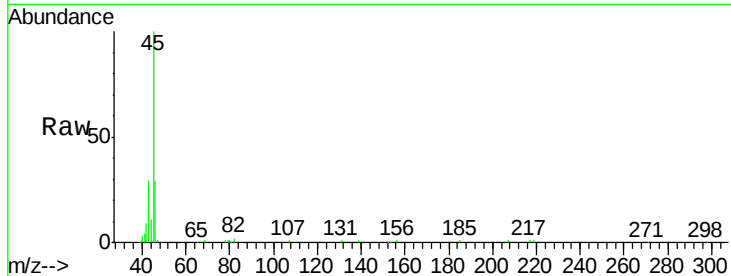
#13
Ethanol
Concen: 14.990 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL037791.D
Acq: 6 Oct 2021 2:27

Instrument :
MSVOA_L
ClientSampled :
C0P26DL

Tgt Ion: 45 Resp: 102696
Ion Ratio Lower Upper
45 100
46 47.0 20.2 81.0

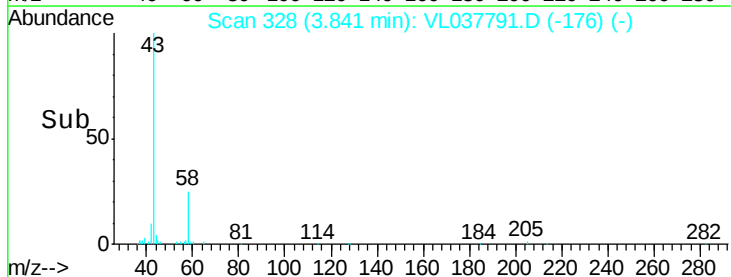
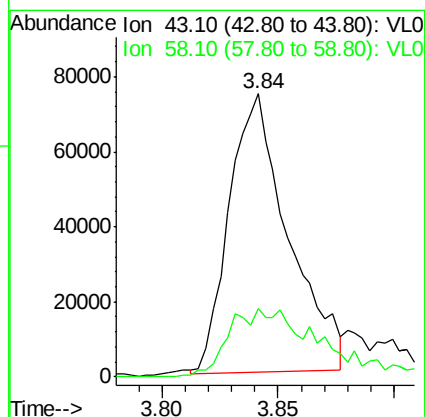
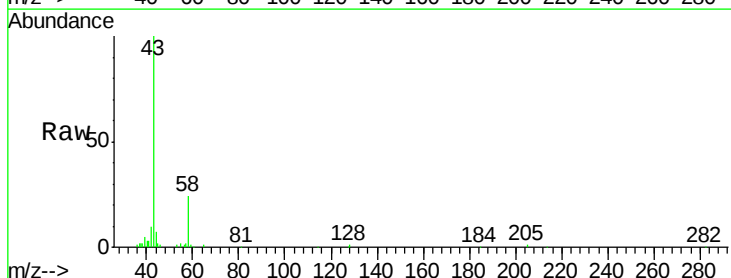
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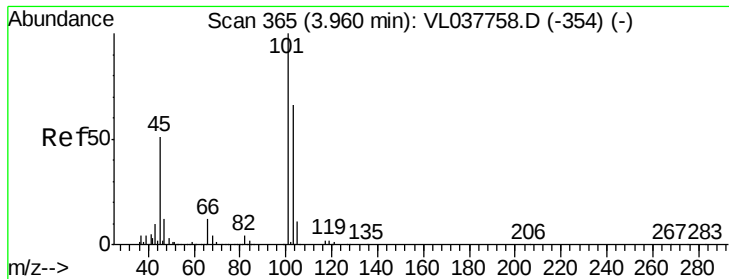
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#15
Acetone
Concen: 1.247 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL037791.D
Acq: 6 Oct 2021 2:27

Tgt Ion: 43 Resp: 132670
Ion Ratio Lower Upper
43 100
58 39.2 23.0 34.6#





#19

Isopropyl Alcohol

Concen: 0.674 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VL037791.D

Acq: 6 Oct 2021 2:27

Instrument :

MSVOA_L

ClientSampleId :

C0P26DL

Tgt Ion: 45 Resp: 44619

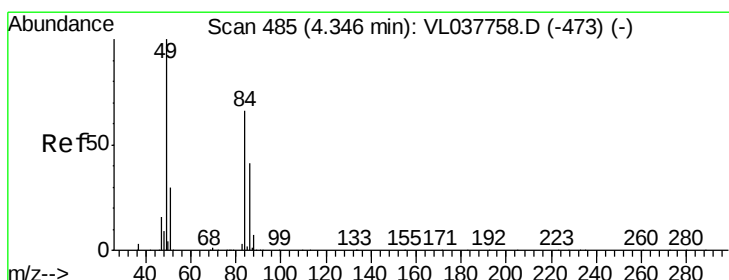
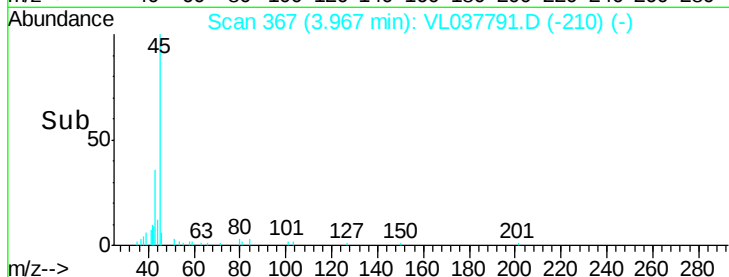
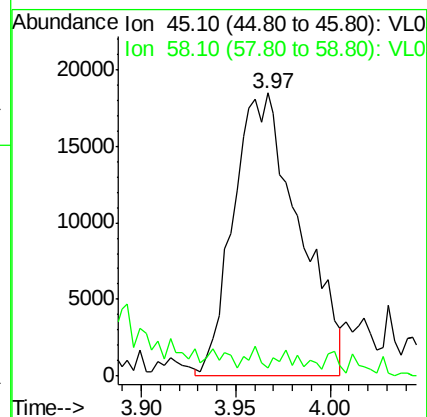
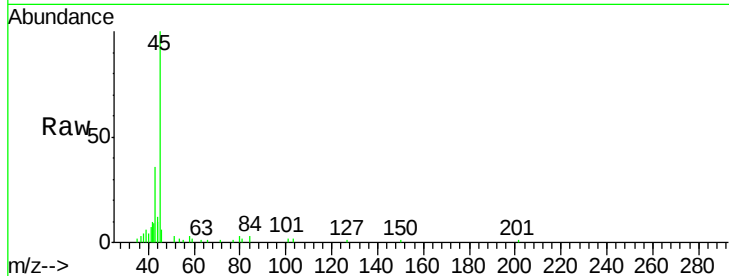
Ion Ratio Lower Upper

45 100

58 3.8 1.1 1.7#

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#20

Methylene Chloride

Concen: 1.074 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.02 min

Lab File: VL037791.D

Acq: 6 Oct 2021 2:27

Tgt Ion: 84 Resp: 57728

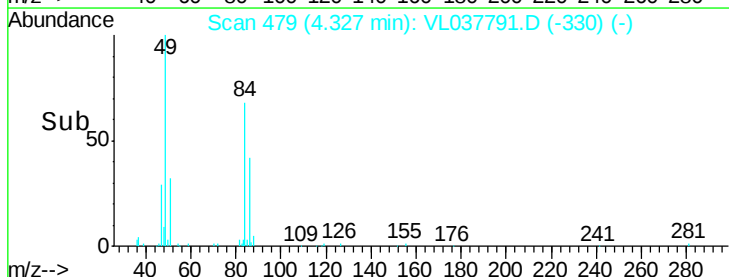
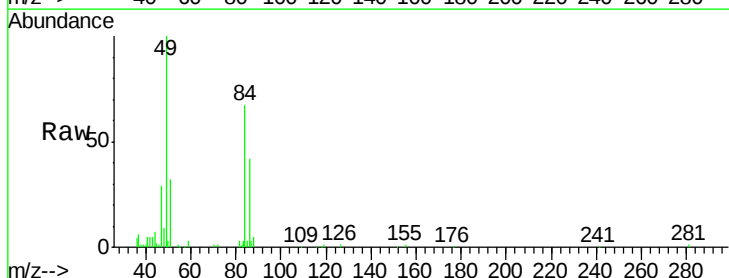
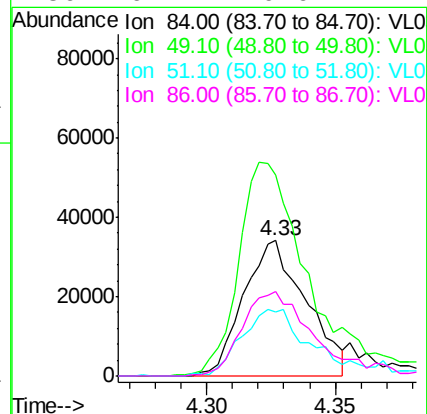
Ion Ratio Lower Upper

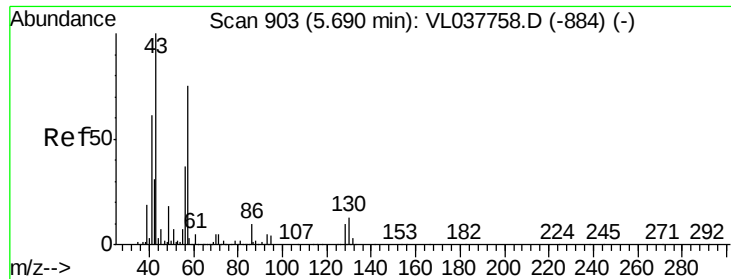
84 100

49 146.5 120.7 181.1

51 45.1 36.2 54.4

86 61.2 49.6 74.4





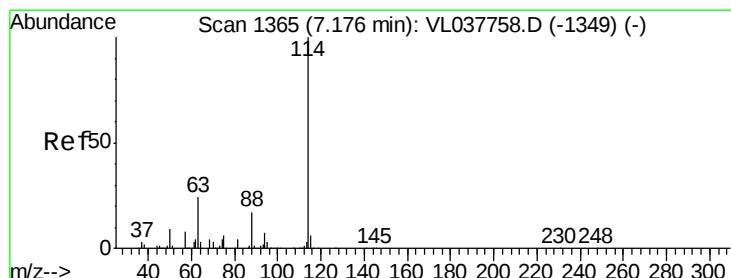
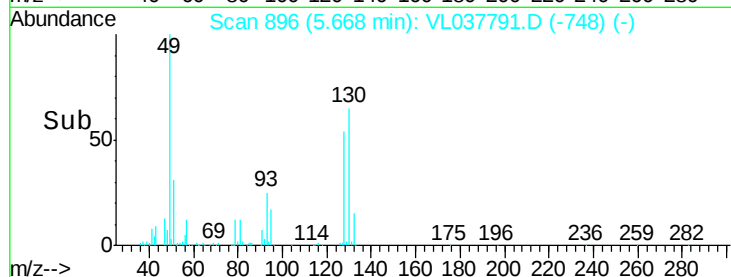
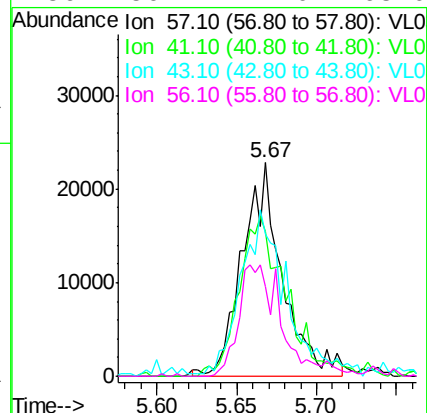
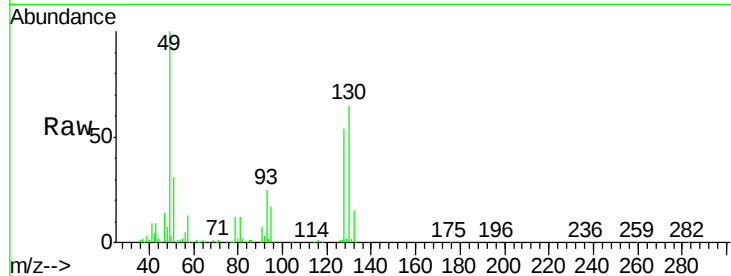
#26
Hexane
Concen: 0.270 ppbv m
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL037791.D
Acq: 6 Oct 2021 2:27

Instrument :
MSVOA_L
ClientSampleId :
C0P26DL

Tgt Ion	Ratio	Lower	Upper
57	100		
41	91.1	69.6	104.4
43	94.0	171.4	257.0#
56	56.4	42.0	63.0

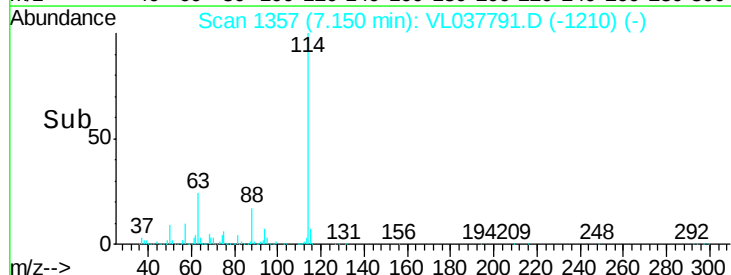
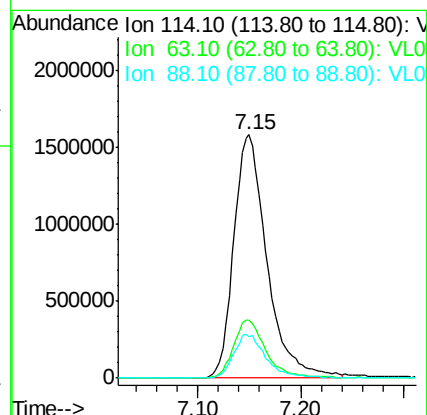
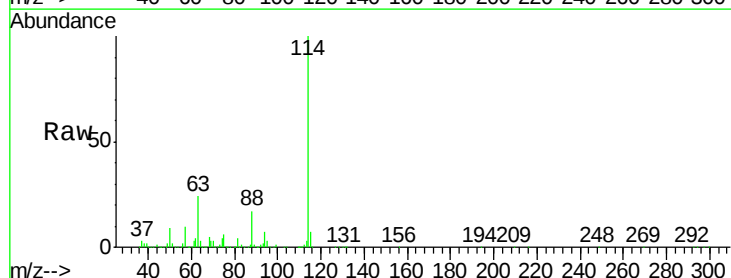
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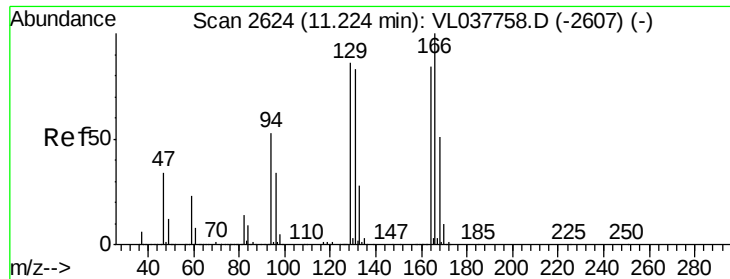
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL037791.D
Acq: 6 Oct 2021 2:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.4	29.2
88	17.9	14.4	21.6





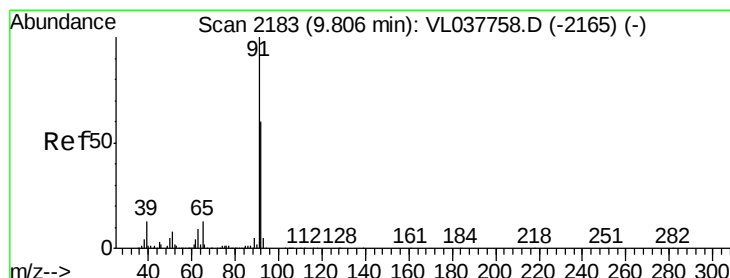
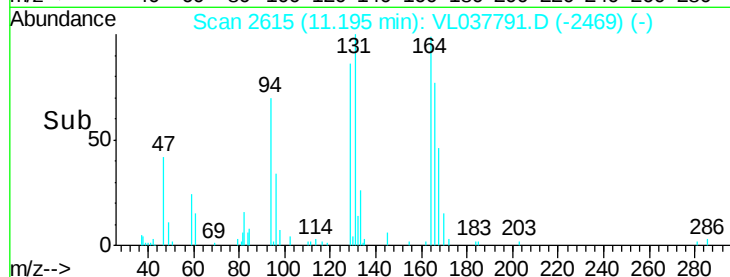
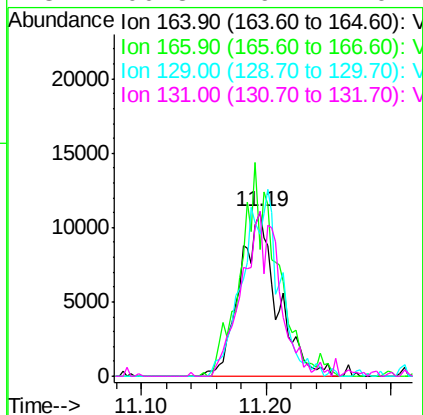
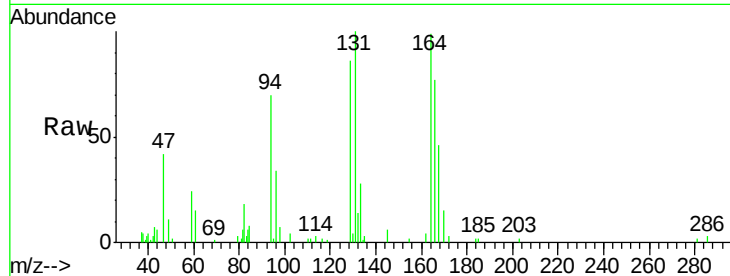
#52
Tetrachloroethene
Concen: 0.194 ppbv m
RT: 11.19 min Scan# 2615
Delta R.T. -0.03 min
Lab File: VL037791.D
Acq: 6 Oct 2021 2:27

Instrument :
MSVOA_L
ClientSampleId :
C0P26DL

Tgt Ion	Ratio	Lower	Upper
164	100		
166	77.5	95.4	143.2#
129	86.3	82.2	123.4
131	100.8	79.4	119.2

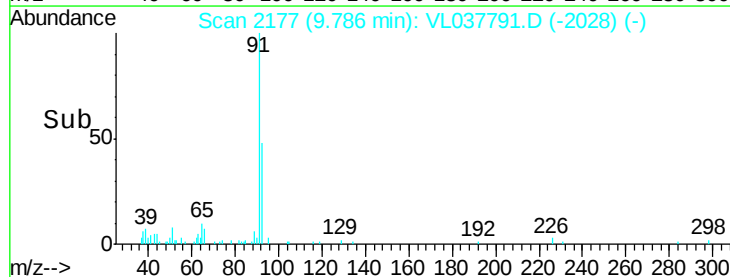
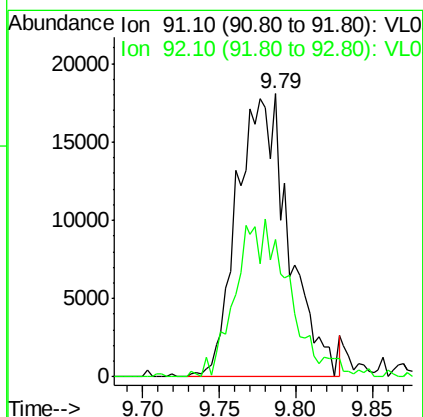
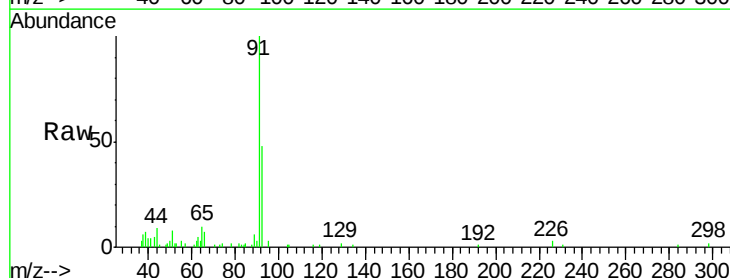
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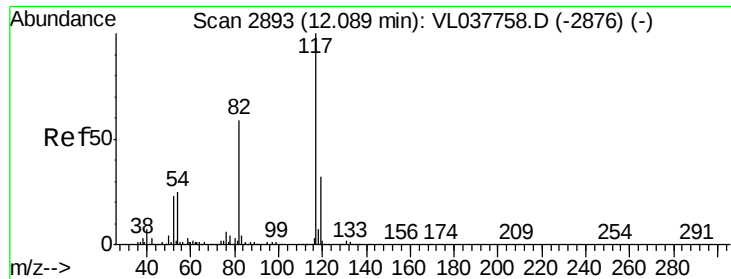
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#53
Toluene
Concen: 0.127 ppbv m
RT: 9.79 min Scan# 2177
Delta R.T. -0.02 min
Lab File: VL037791.D
Acq: 6 Oct 2021 2:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.9	48.4	72.6





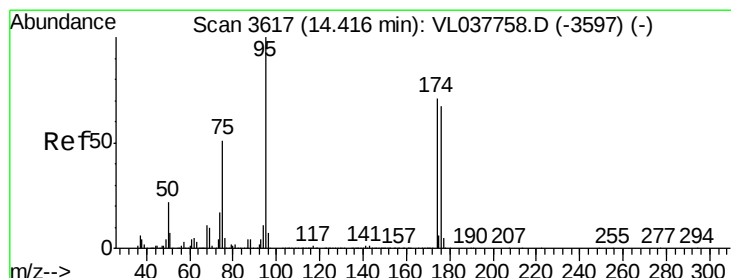
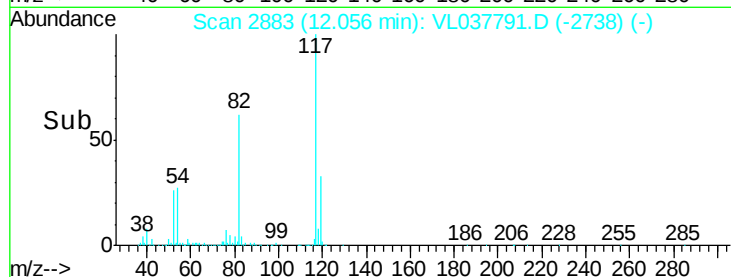
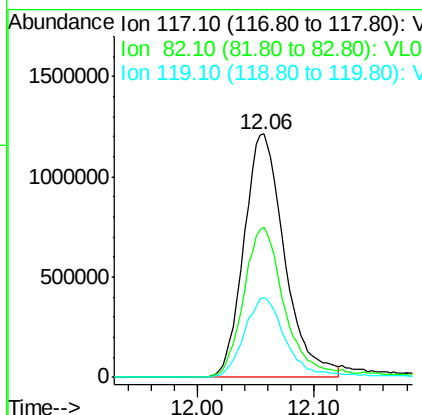
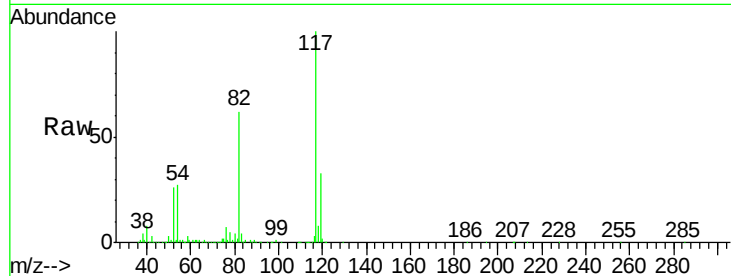
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.03 min
Lab File: VL037791.D
Acq: 6 Oct 2021 2:27

Instrument :
MSVOA_L
ClientSampleId :
C0P26DL

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.6	52.2	78.2
119	35.1	26.0	39.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.914 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.03 min
Lab File: VL037791.D
Acq: 6 Oct 2021 2:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.2	57.8	86.6
175	5.8	4.7	7.1

