

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100121\
 Data File : VL037746.D
 Acq On : 1 Oct 2021 18:02
 Operator : SY/AP
 Sample : M4012-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P17DL

Manual Integrations
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 10/4/2021 5:50:05 PM

Quant Time: Oct 02 19:46:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1463468	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4323021	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3729693	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2489142	9.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	132122m	13.872	ppbv	
15) Acetone	3.84	43	206184	1.356	ppbv	# 86
19) Isopropyl Alcohol	3.96	45	497270	6.011	ppbv	98
20) Methylene Chloride	4.33	84	128907	1.776	ppbv	94
29) Chloroform	5.74	83	561957	2.200	ppbv	95
52) Tetrachloroethene	11.20	164	330588	2.389	ppbv	97
75) 1,3-Dichlorobenzene	16.98	146	37480m	0.130	ppbv	

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

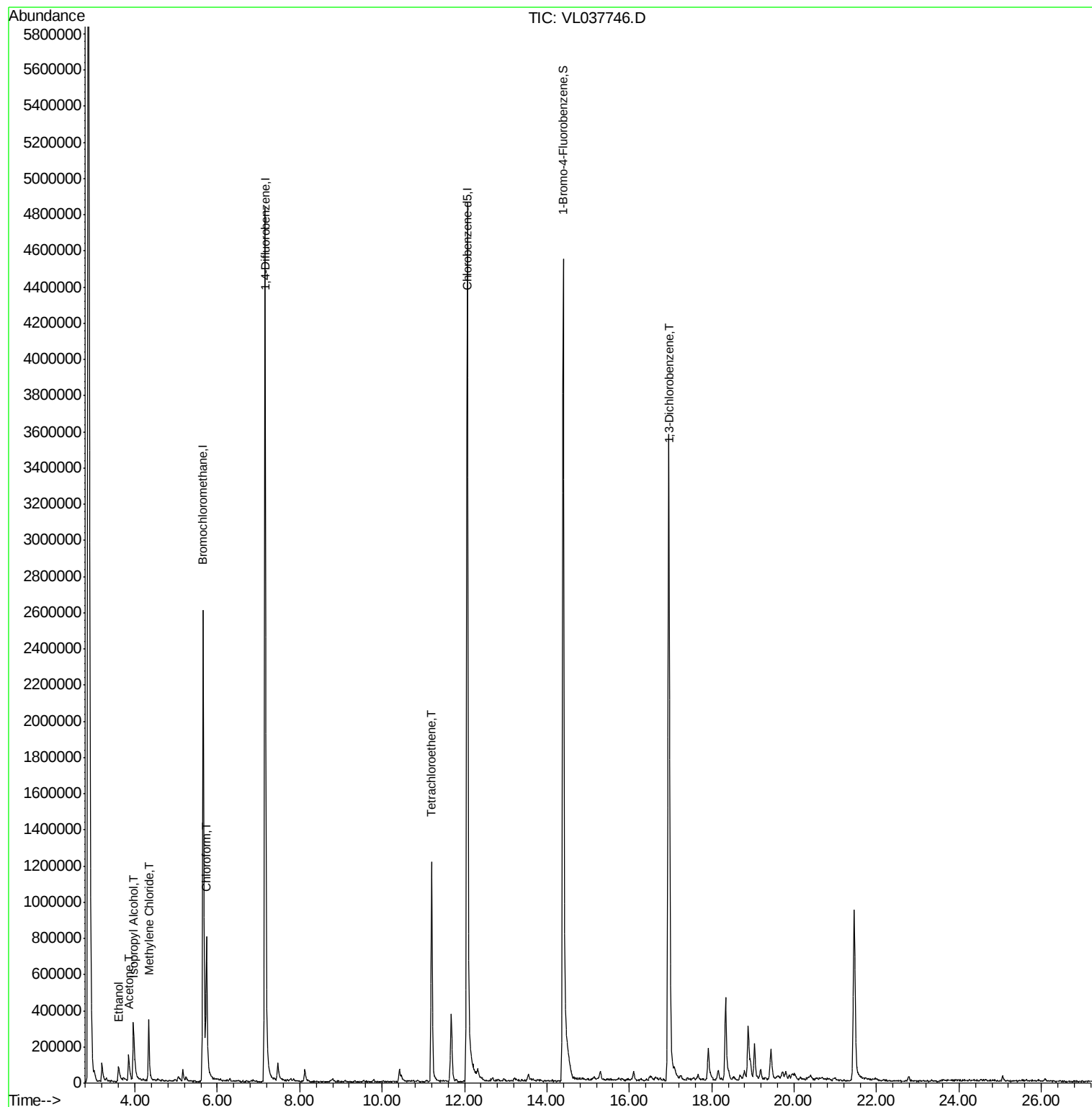
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL100121\
Data File : VL037746.D
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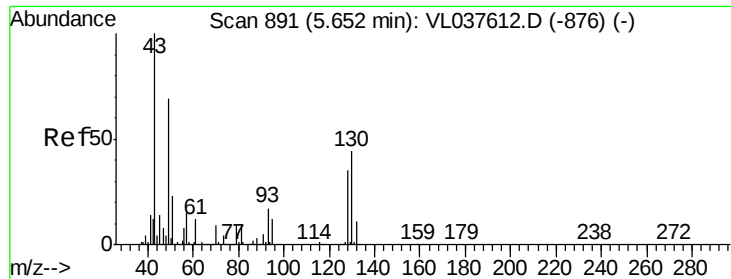
Instrument :
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ClientSampleId :
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QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

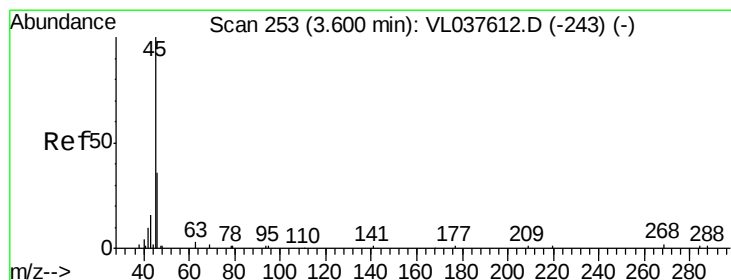
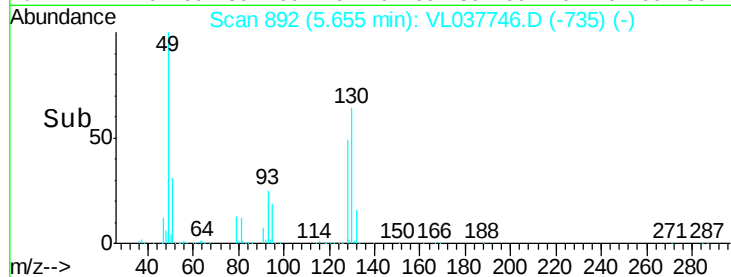
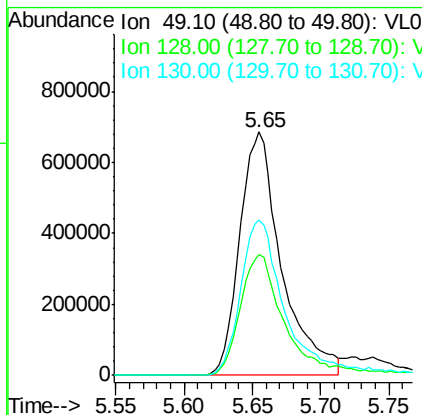
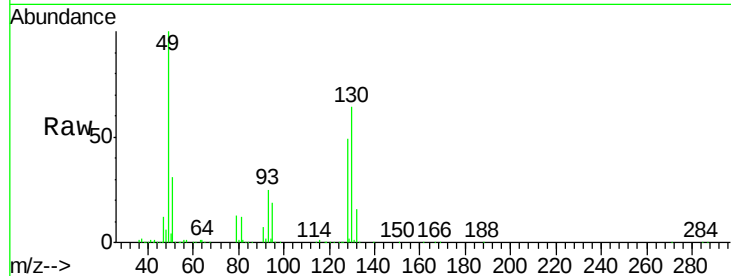
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VL037746.D
 Acq: 1 Oct 2021 18:02

Instrument :
 MSVOA_L
 ClientSampled :
 C0P17DL

Tot Ion: 49 Resp: 1463468
 Ion Ratio Lower Upper
 49 100
 128 54.7 27.9 83.6
 130 69.6 33.9 101.7

Manual Integrations
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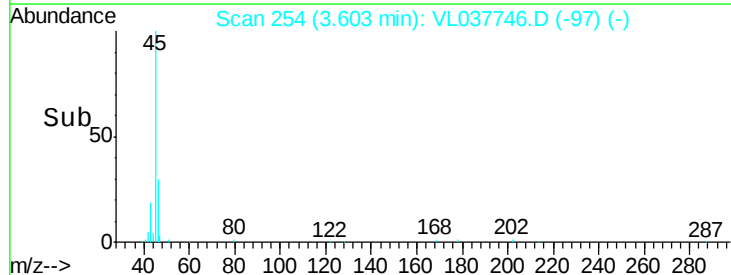
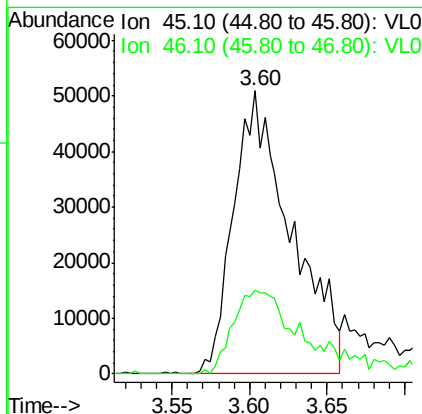
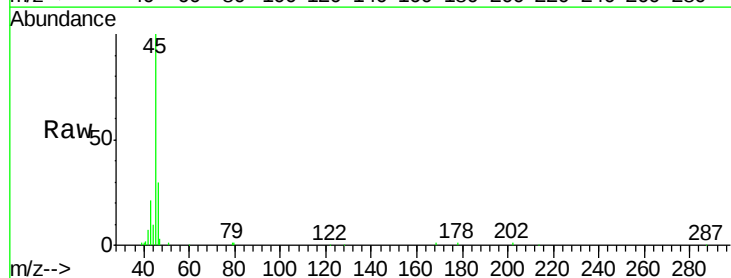
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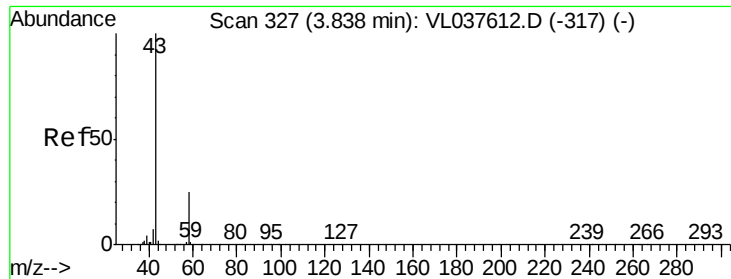


#13

Ethanol
 Concen: 13.872 ppbv m
 RT: 3.60 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VL037746.D
 Acq: 1 Oct 2021 18:02

Tgt Ion: 45 Resp: 132122
 Ion Ratio Lower Upper
 45 100
 46 36.7 17.2 68.8





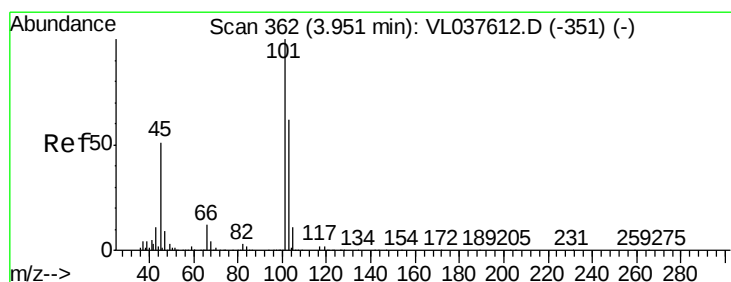
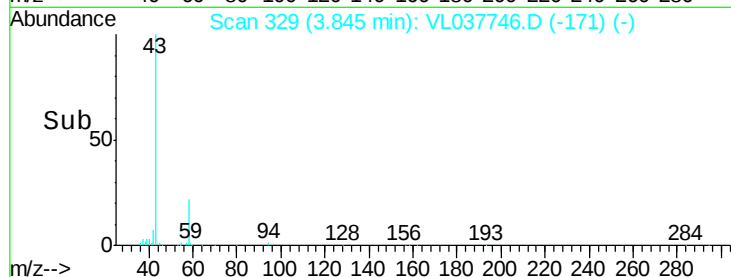
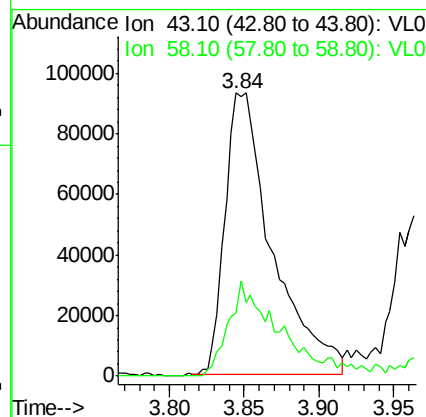
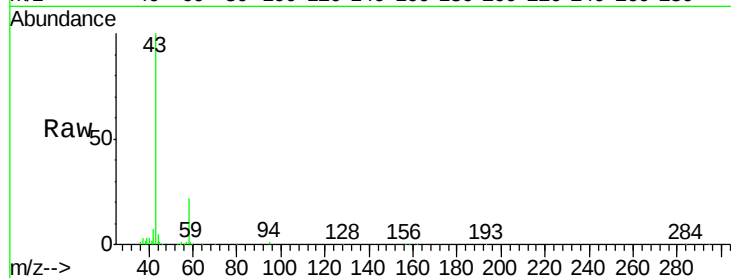
#15
Acetone
Concen: 1.356 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL037746.D
Acq: 1 Oct 2021 18:02

Instrument :
MSVOA_L
ClientSampled :
C0P17DL

Tot Ion: 43 Resp: 206184
Ion Ratio Lower Upper
43 100
58 38.6 24.9 37.3#

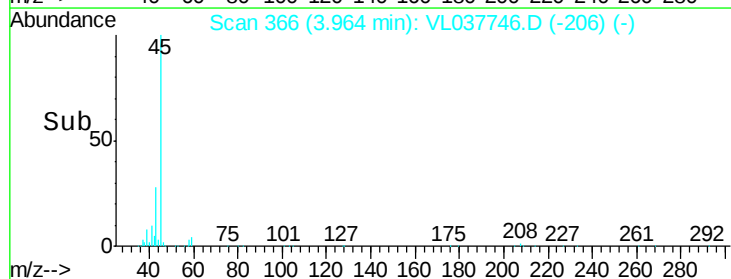
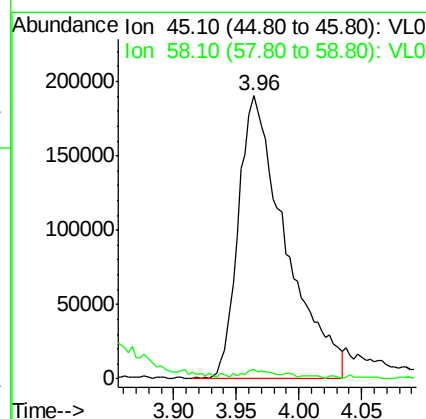
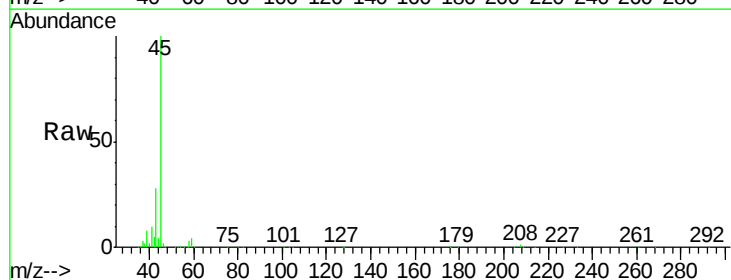
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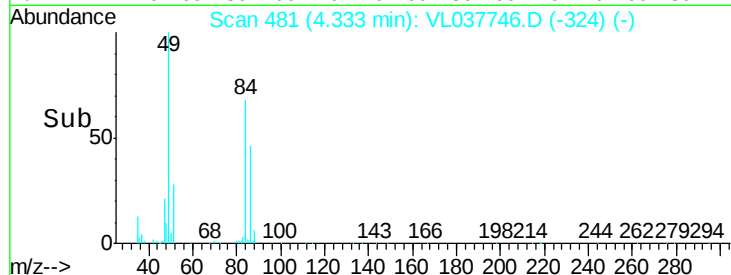
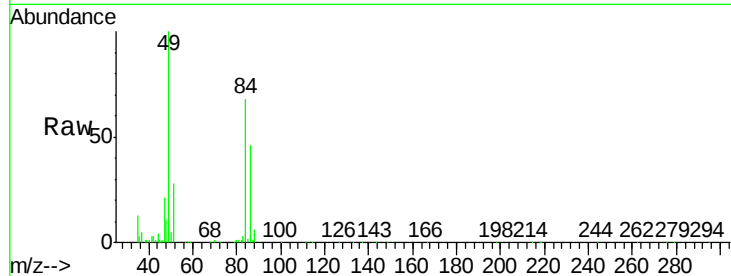
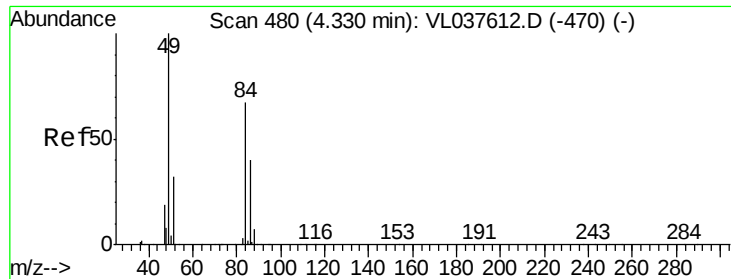
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#19
Isopropyl Alcohol
Concen: 6.011 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.01 min
Lab File: VL037746.D
Acq: 1 Oct 2021 18:02

Tgt Ion: 45 Resp: 497270
Ion Ratio Lower Upper
45 100
58 3.0 2.9 4.3





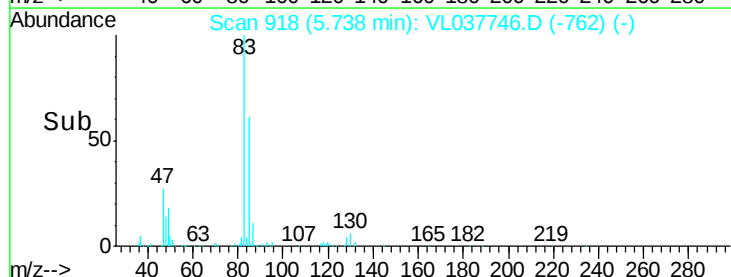
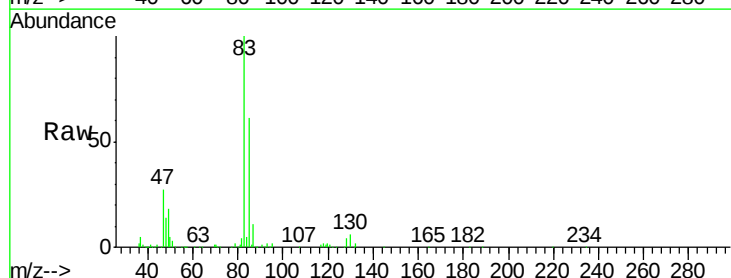
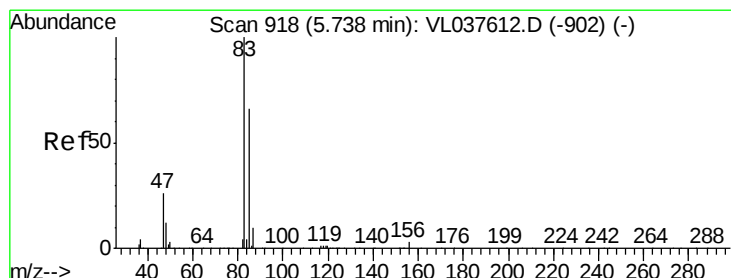
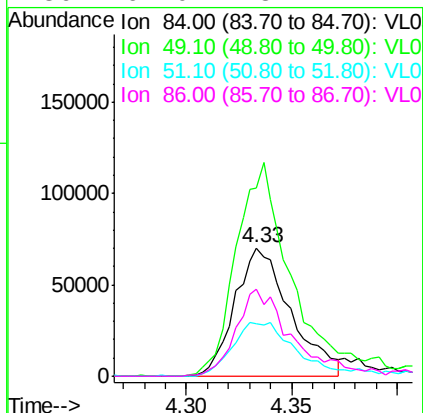
#20
Methvlene Chloride
Concen: 1.776 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL037746.D
Acq: 1 Oct 2021 18:02

Tot Ion	84	Resp	128907
Ion Ratio	Lower	Upper	
84	100		
49	146.1	120.0	180.0
51	40.5	38.0	57.0
86	67.0	48.2	72.2

Instrument :
MSVOA_L
ClientSampleId :
C0P17DL

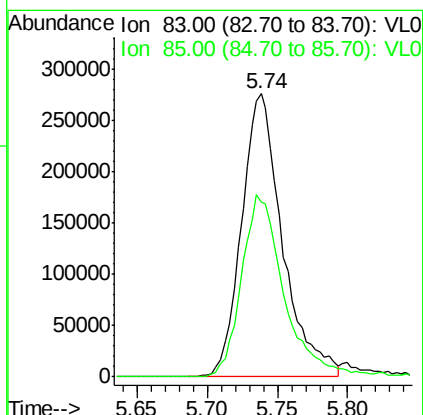
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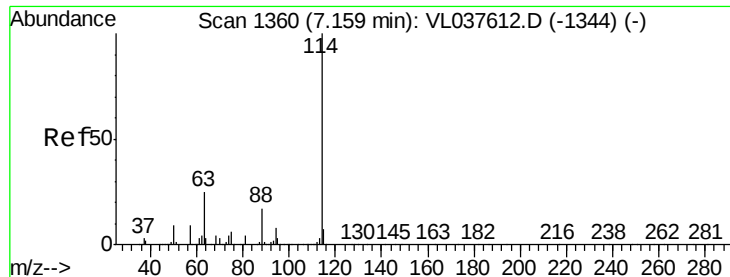
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#29
Chloroform
Concen: 2.200 ppbv
RT: 5.74 min Scan# 918
Delta R.T. 0.00 min
Lab File: VL037746.D
Acq: 1 Oct 2021 18:02

Tgt Ion	83	Resp	561957
Ion Ratio	Lower	Upper	
83	100		
85	61.5	52.6	79.0





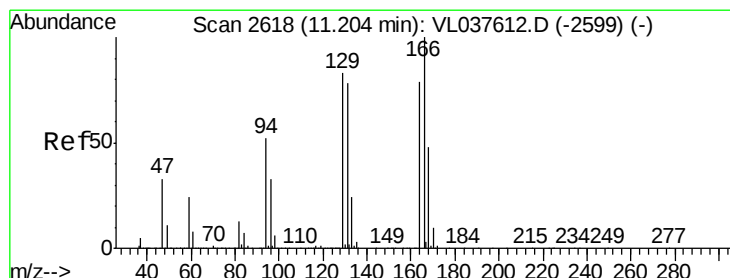
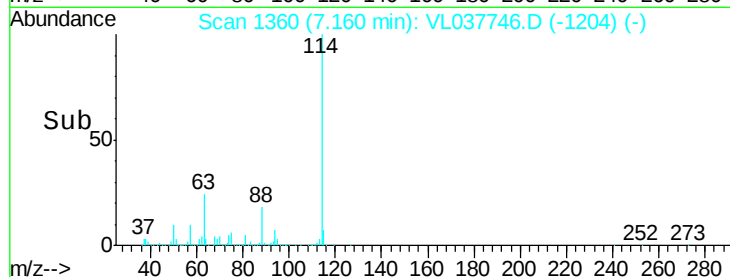
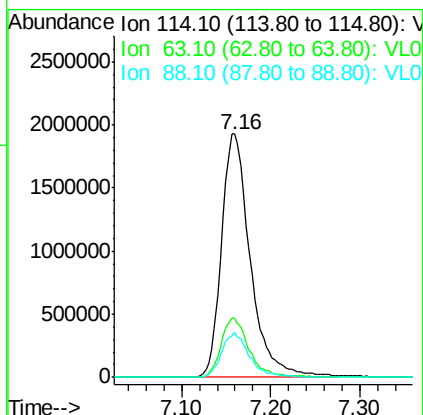
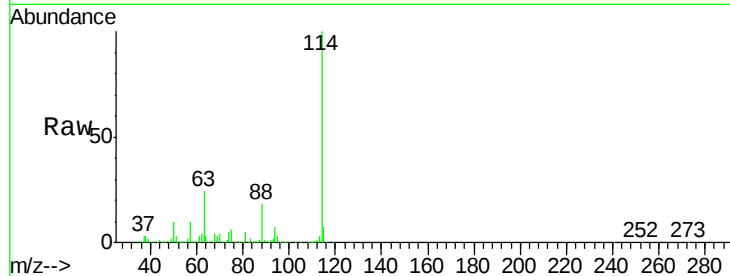
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL037746.D
 Acq: 1 Oct 2021 18:02

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P17DL

Tot Ion:114 Resp: 4323021
 Ion Ratio Lower Upper
 114 100
 63 24.0 19.6 29.4
 88 17.8 14.2 21.4

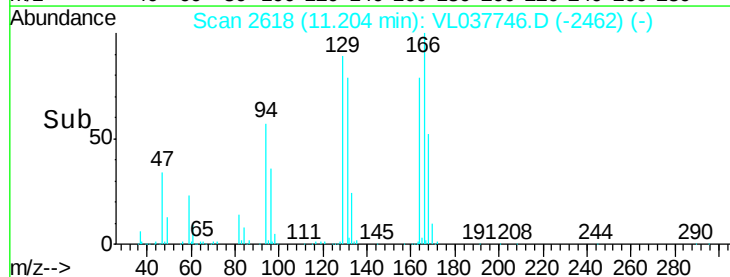
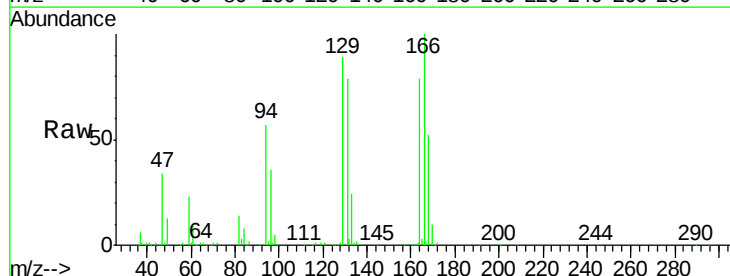
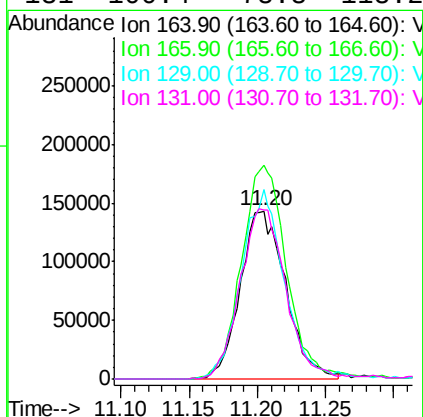
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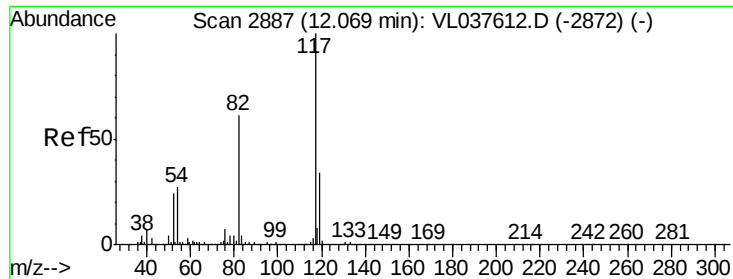
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#52
 Tetrachloroethene
 Concen: 2.389 ppbv
 RT: 11.20 min Scan# 2618
 Delta R.T. 0.00 min
 Lab File: VL037746.D
 Acq: 1 Oct 2021 18:02

Tgt Ion:164 Resp: 330588
 Ion Ratio Lower Upper
 164 100
 166 127.3 101.2 151.8
 129 113.2 84.0 126.0
 131 100.4 78.8 118.2





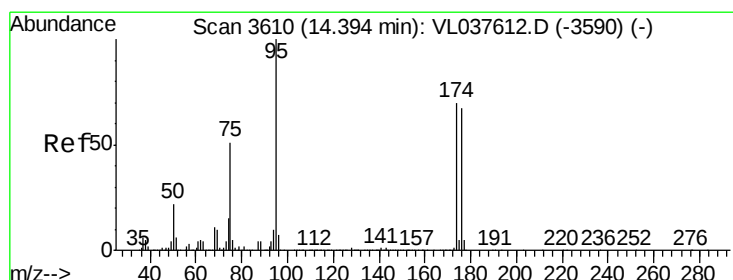
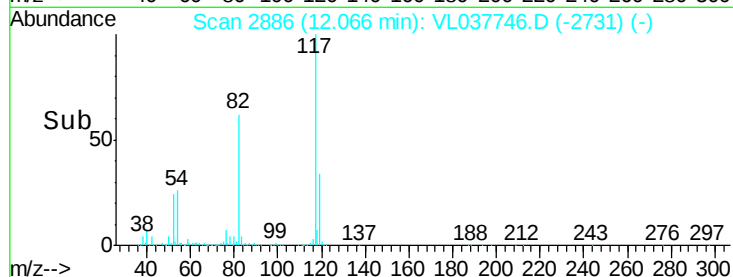
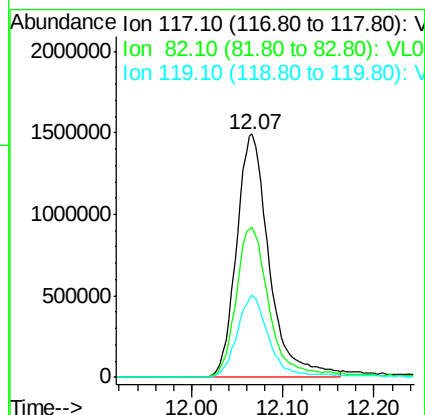
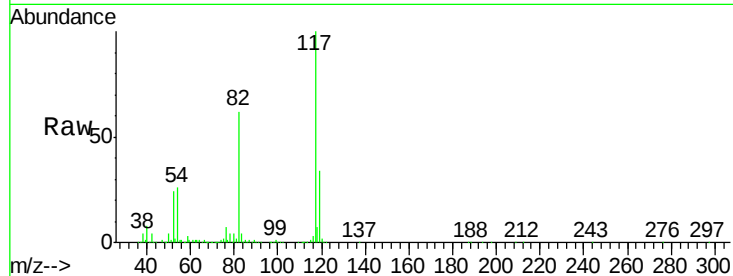
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VL037746.D
Acq: 1 Oct 2021 18:02

Instrument :
MSVOA_L
ClientSampleId :
C0P17DL

Tot Ion:117 Resp: 3729693
Ion Ratio Lower Upper
117 100
82 64.4 50.6 75.8
119 33.9 26.2 39.2

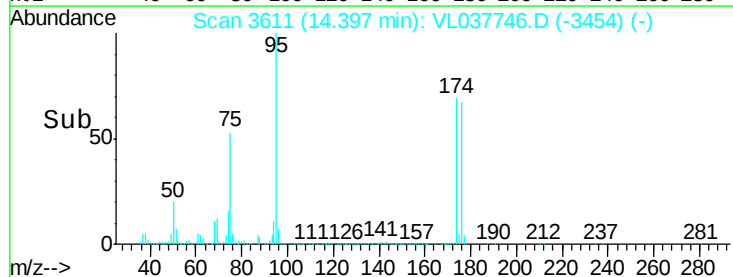
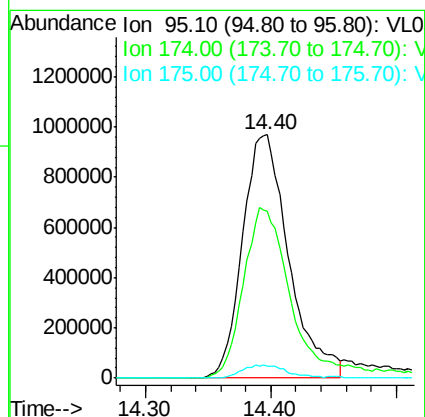
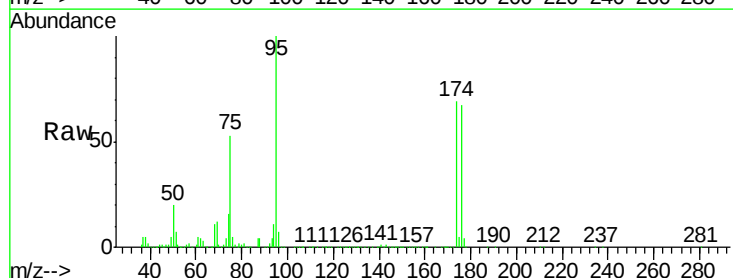
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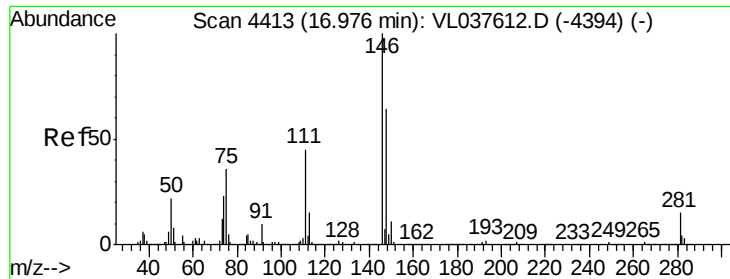
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.235 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VL037746.D
Acq: 1 Oct 2021 18:02

Tgt Ion: 95 Resp: 2489142
Ion Ratio Lower Upper
95 100
174 76.9 56.3 84.5
175 5.6 4.4 6.6





#75

1,3-Dichlorobenzene

Concen: 0.130 ppbv m

RT: 16.98 min Scan# 4413

Delta R.T. 0.00 min

Lab File: VL037746.D

Acq: 1 Oct 2021 18:02

Instrument :

MSVOA_L

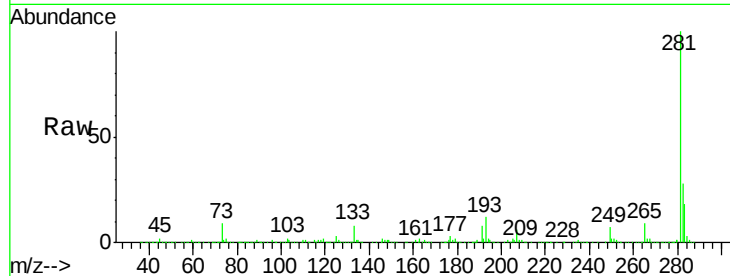
ClientSampleId :

C0P17DL

Tot Ion:	146	Resp:	37480
Ion Ratio	Lower	Upper	
146	100		
111	0.0	22.8	68.3#
148	0.0	32.1	96.5#

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.10 (110.80 to 111.80): V
Ion 148.00 (147.70 to 148.70): V

