

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037782.D
 Acq On : 5 Oct 2021 20:38
 Operator : SY/AP
 Sample : M4012-11 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P07

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:36:28 PM

Quant Time: Oct 06 06:14:59 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	5.65	49	1260783	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3622326	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3165888	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2198822	9.93	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	15253m	0.171	ppbv	
15) Acetone	3.83	43	99435m	0.879	ppbv	
20) Methylene Chloride	4.33	84	73039	1.277	ppbv	89
26) Hexane	5.66	57	37622m	0.241	ppbv	
38) Trichloroethene	7.81	130	136635	1.118	ppbv	96
52) Tetrachloroethene	11.21	164	9402905	78.115	ppbv	96
59) m/p-Xylene	12.94	91	60771m	0.167	ppbv	

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

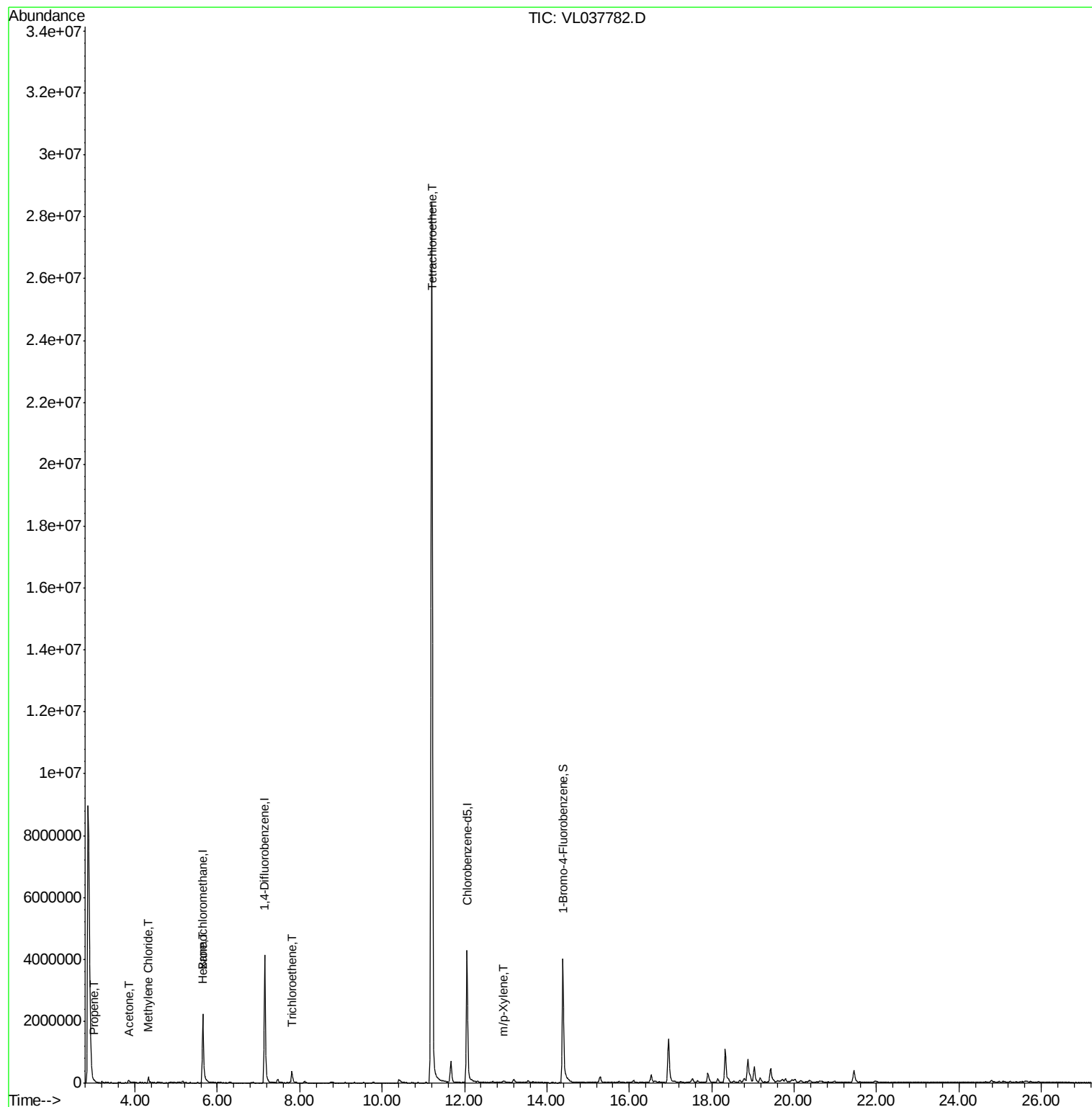
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
Data File : VL037782.D
Acq On : 5 Oct 2021 20:38
Operator : SY/AP
Sample : M4012-11 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

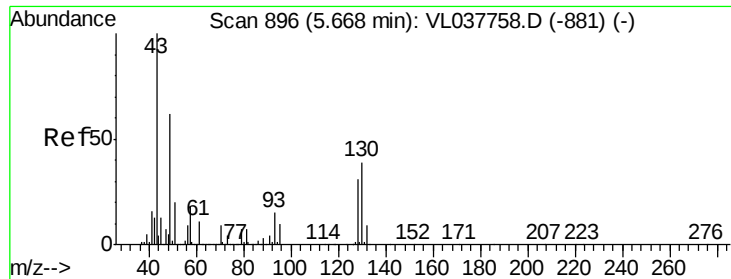
Instrument :
MSVOA_L
ClientSampleId :
C0P07

Manual Integrations
APPROVED

MMDadoda
10/11/2021 7:36:28 PM

Quant Time: Oct 06 06:14:59 2021
Quant Method : Z:\VOASRV\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: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL037782.D

Acq: 5 Oct 2021 20:38

Instrument :

MSVOA_L

ClientSampled :

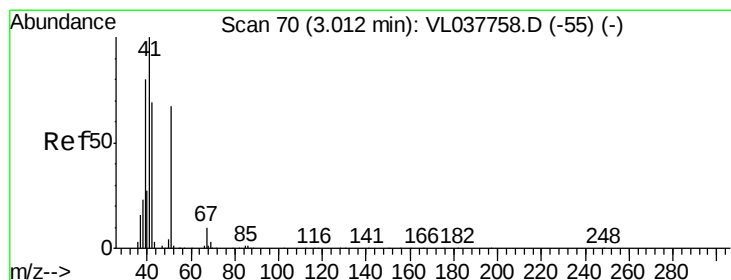
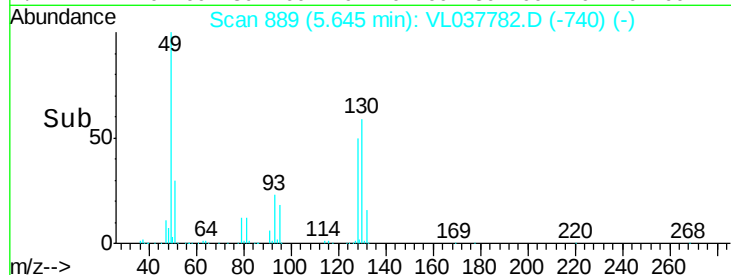
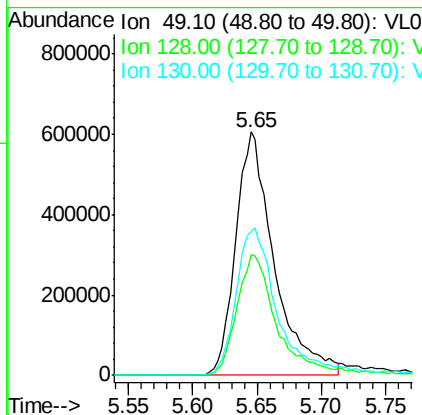
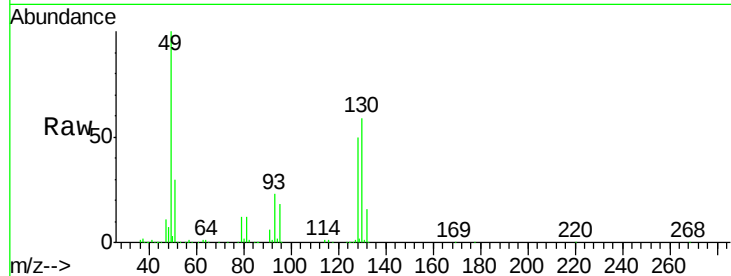
C0P07

Tgt Ion: 49 Resp: 1260783

Ion	Ratio	Lower	Upper
49	100		
128	53.1	27.1	81.3
130	68.0	33.2	99.6

Manual Integrations
APPROVED

MMDadoda
10/11/2021 7:36:28 PM



#9

Propene

Concen: 0.171 ppbv m

RT: 3.01 min Scan# 69

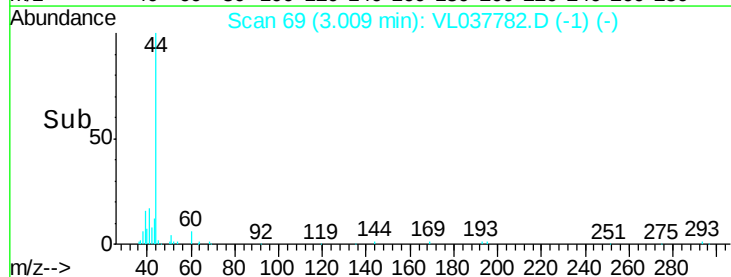
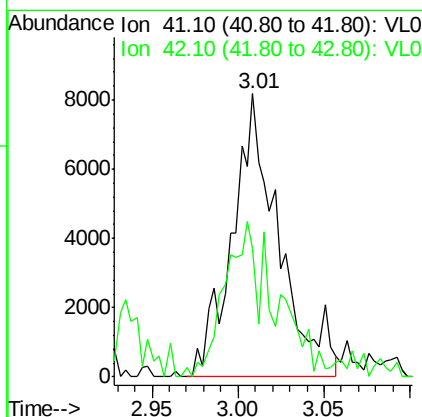
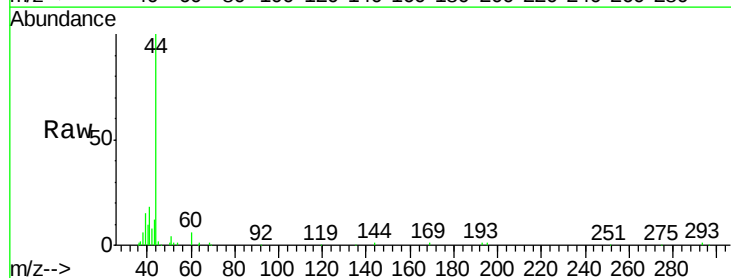
Delta R.T. -0.00 min

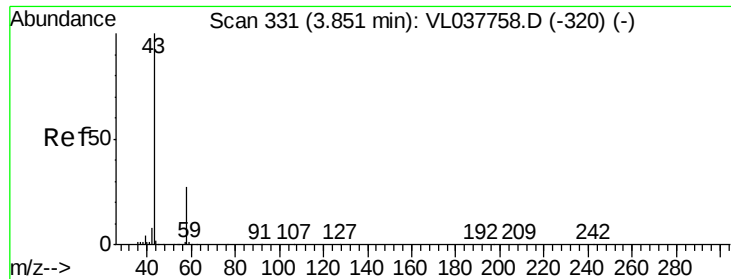
Lab File: VL037782.D

Acq: 5 Oct 2021 20:38

Tgt Ion: 41 Resp: 15253

Ion	Ratio	Lower	Upper
41	100		
42	65.6	54.2	81.2





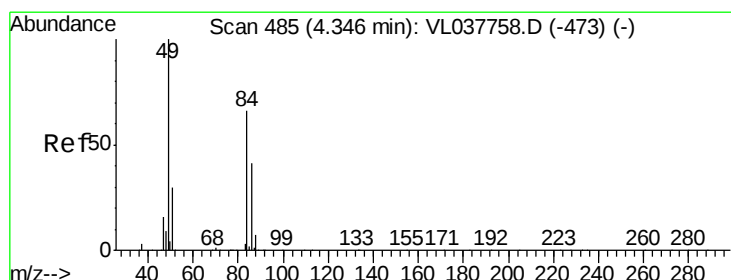
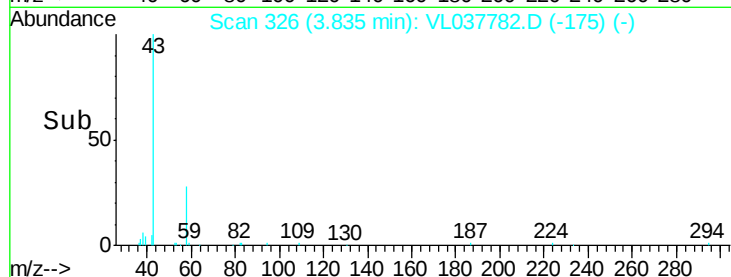
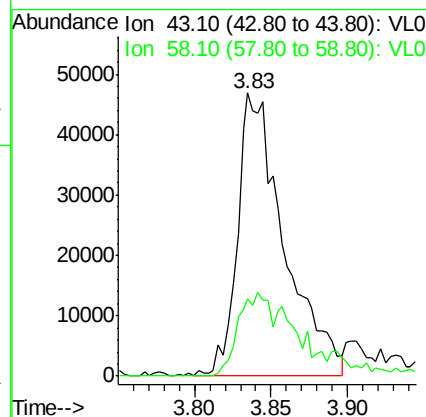
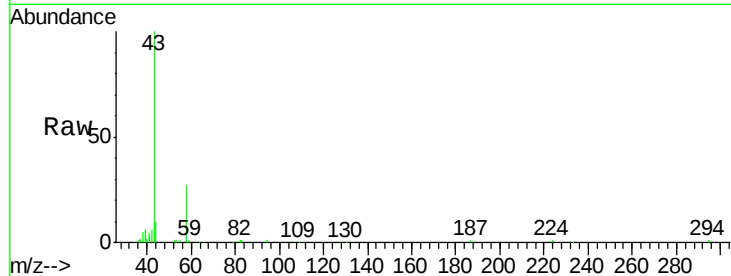
#15
Acetone
Concen: 0.879 ppbv m
RT: 3.83 min Scan# 326
Delta R.T. -0.02 min
Lab File: VL037782.D
Acq: 5 Oct 2021 20:38

Instrument :
MSVOA_L
ClientSampled :
C0P07

Tgt Ion: 43 Resp: 99435
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#

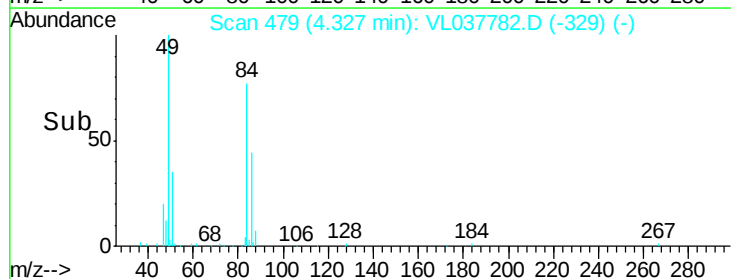
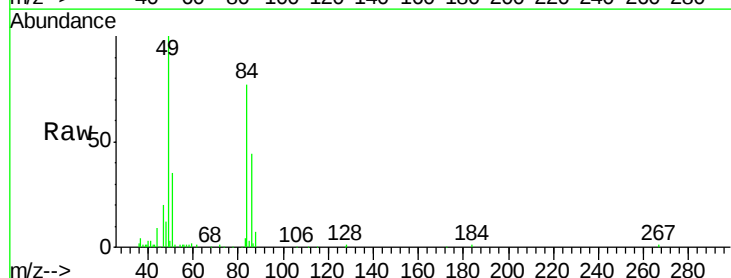
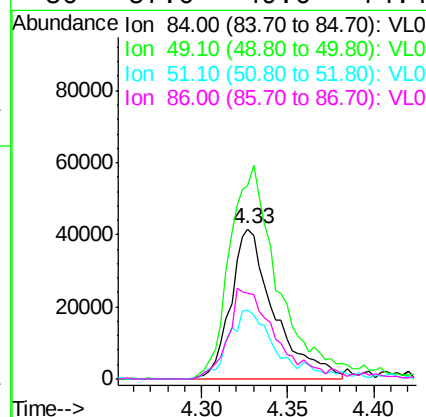
Manual Integrations
APPROVED

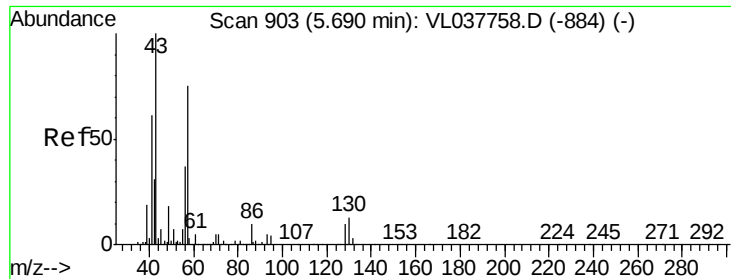
MMDadoda
10/11/2021 7:36:28 PM



#20
Methylene Chloride
Concen: 1.277 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL037782.D
Acq: 5 Oct 2021 20:38

Tgt Ion: 84 Resp: 73039
Ion Ratio Lower Upper
84 100
49 129.4 120.7 181.1
51 45.4 36.2 54.4
86 57.0 49.6 74.4





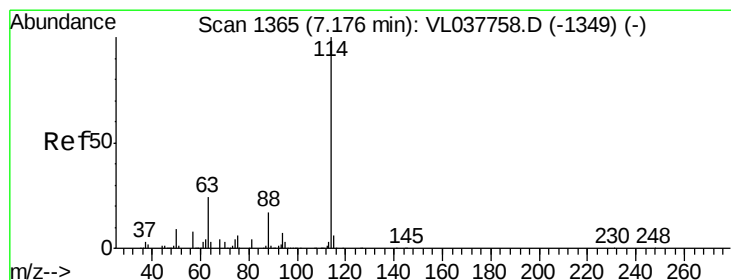
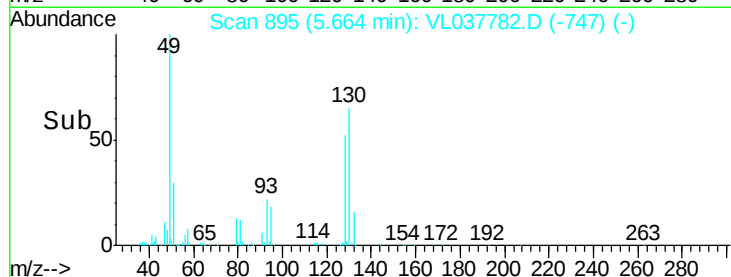
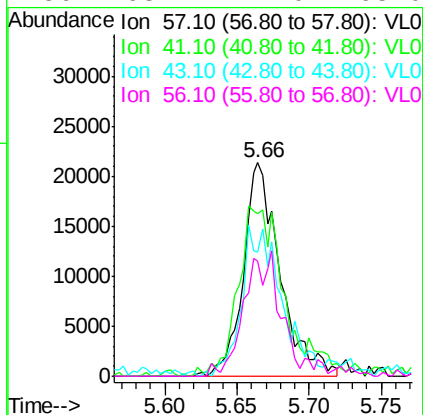
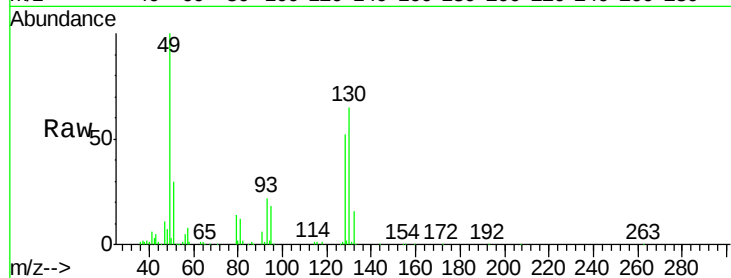
#26
Hexane
Concen: 0.241 ppbv m
RT: 5.66 min Scan# 895
Delta R.T. -0.03 min
Lab File: VL037782.D
Acq: 5 Oct 2021 20:38

Instrument :
MSVOA_L
ClientSampleId :
C0P07

Tgt Ion: 57 Resp: 37622
Ion Ratio Lower Upper
57 100
41 107.0 69.6 104.4#
43 82.0 171.4 257.0#
56 63.1 42.0 63.0#

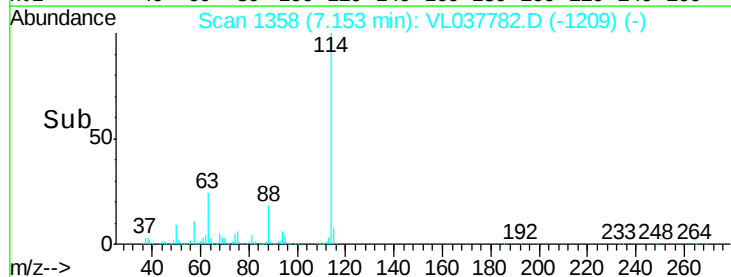
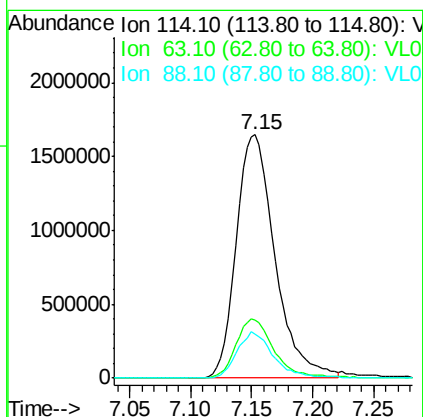
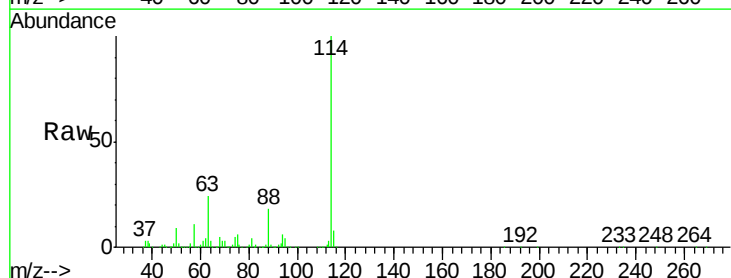
Manual Integrations
APPROVED

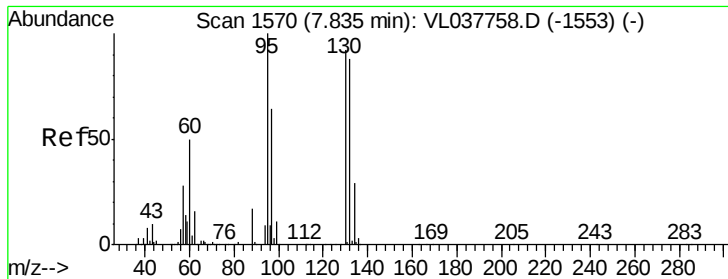
MMDadoda
10/11/2021 7:36:28 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.02 min
Lab File: VL037782.D
Acq: 5 Oct 2021 20:38

Tgt Ion: 114 Resp: 3622326
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.2
88 18.2 14.4 21.6





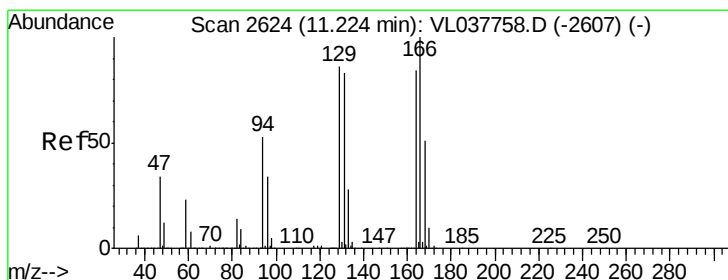
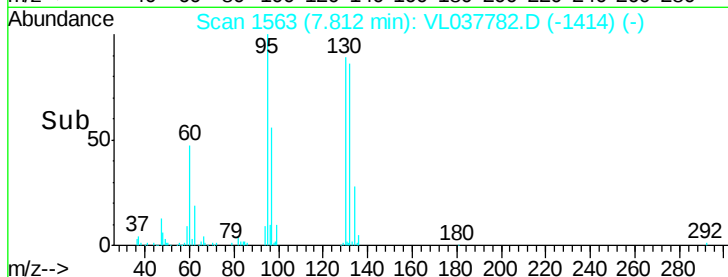
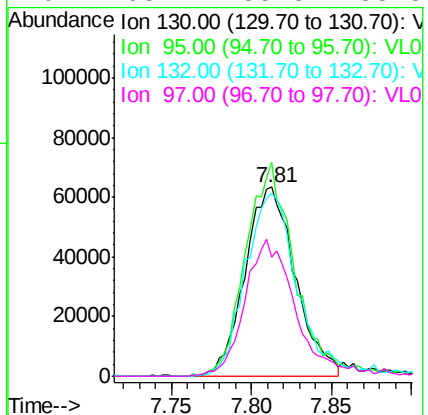
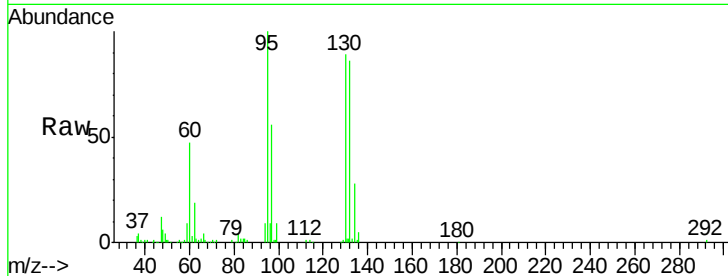
#38
 Trichloroethene
 Concen: 1.118 ppbv
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: VL037782.D
 Acq: 5 Oct 2021 20:38

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	112.9	87.4	131.0
132	96.7	76.8	115.2
97	63.1	55.8	83.8

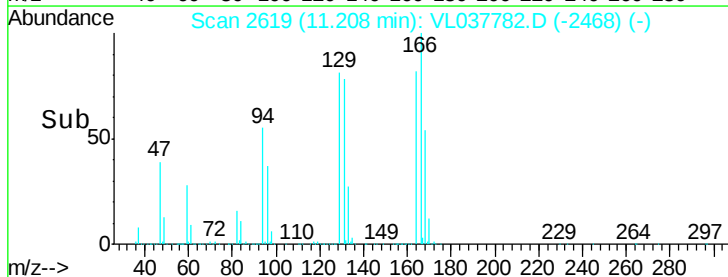
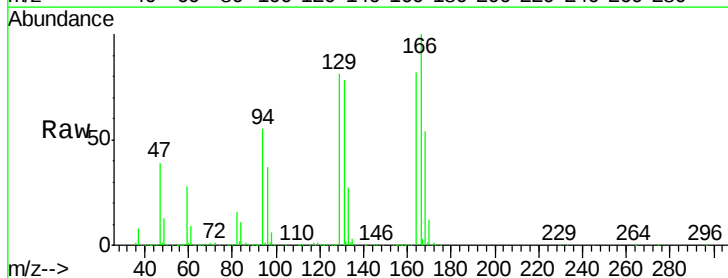
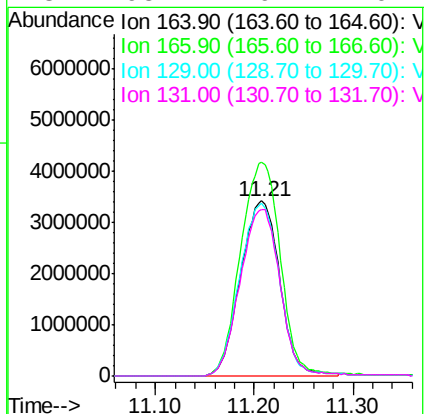
Manual Integrations
 APPROVED

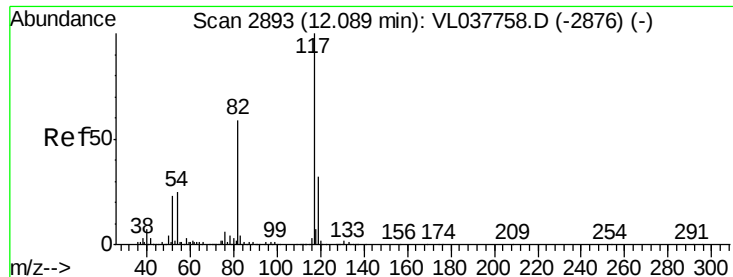
MMDadoda
 10/11/2021 7:36:28 PM



#52
 Tetrachloroethene
 Concen: 78.115 ppbv
 RT: 11.21 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: VL037782.D
 Acq: 5 Oct 2021 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	95.4	143.2
129	98.8	82.2	123.4
131	95.1	79.4	119.2





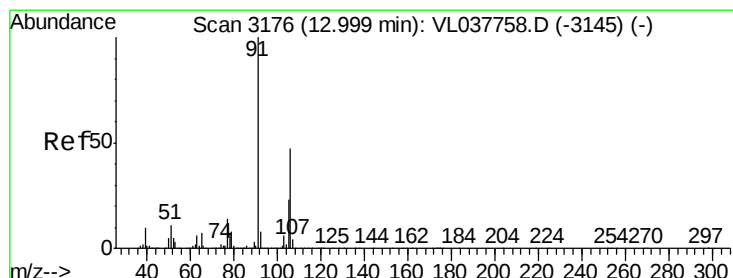
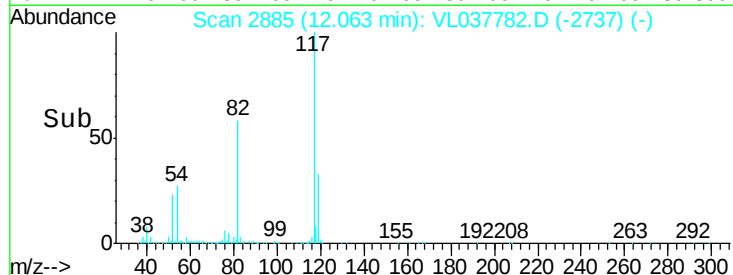
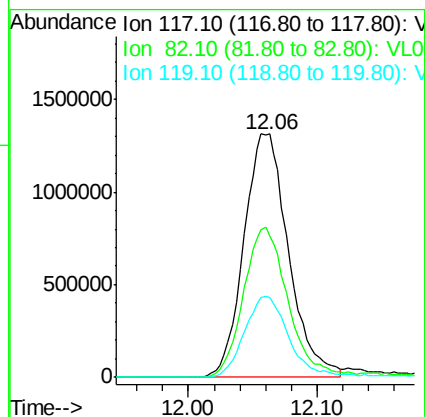
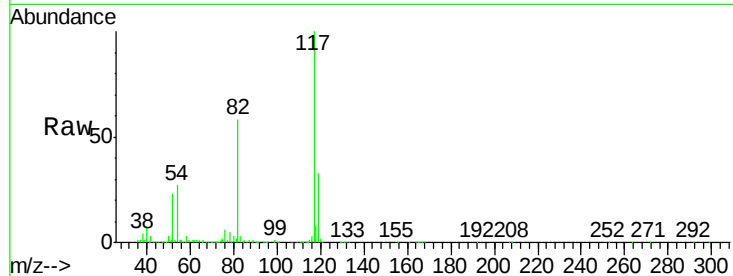
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL037782.D
Acq: 5 Oct 2021 20:38

Instrument :
MSVOA_L
ClientSampleId :
C0P07

Tgt Ion: 117 Resp: 3165888
Ion Ratio Lower Upper
117 100
82 63.3 52.2 78.2
119 34.4 26.0 39.0

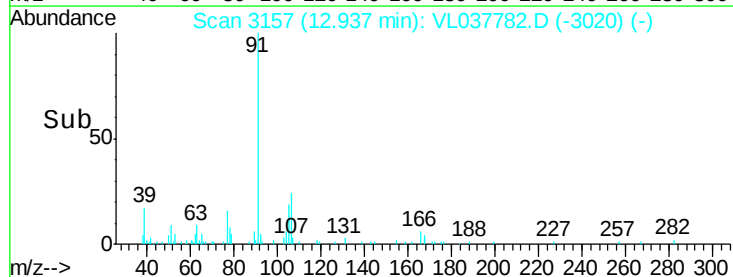
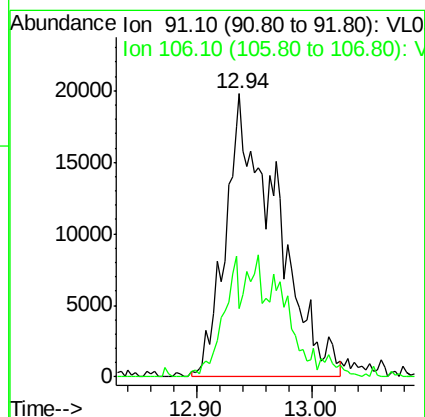
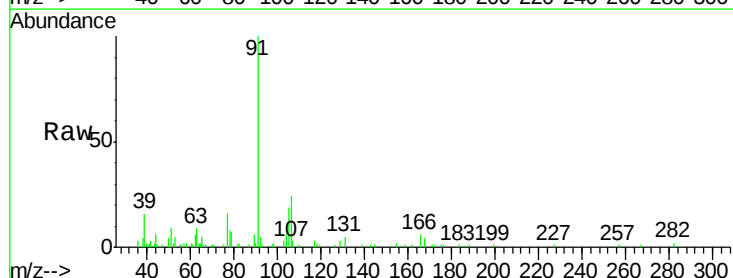
Manual Integrations
APPROVED

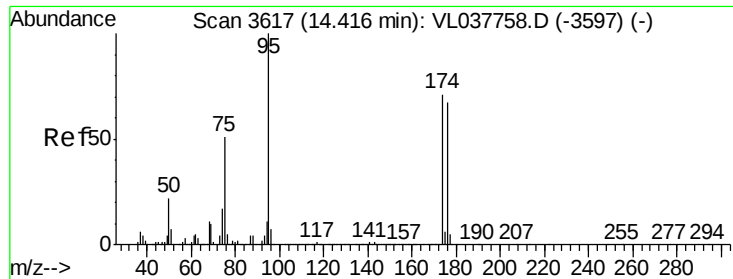
MMDadoda
10/11/2021 7:36:28 PM



#59
m/p-Xylene
Concen: 0.167 ppbv m
RT: 12.94 min Scan# 3157
Delta R.T. -0.06 min
Lab File: VL037782.D
Acq: 5 Oct 2021 20:38

Tgt Ion: 91 Resp: 60771
Ion Ratio Lower Upper
91 100
106 0.0 36.7 55.1#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.932 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.03 min
 Lab File: VL037782.D
 Acq: 5 Oct 2021 20:38

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P07

Tgt Ion: 95 Resp: 2198822
 Ion Ratio Lower Upper
 95 100
 174 75.2 57.8 86.6
 175 5.8 4.7 7.1

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:36:28 PM

