

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
 Data File : VL038426.D
 Acq On : 24 Feb 2022 3:16
 Operator : SY/AP
 Sample : N1605-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
ClientSampleId :
 IA-5DL

Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

Quant Time: Feb 26 16:02:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	874964	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	2065260	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	1774937	10.00	ppbv	0.00

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 14.38 95 1388906 9.46 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	8353m	0.16	ppbv	
13) Ethanol	3.60	45	155161	30.48	ppbv	97
19) Isopropyl Alcohol	3.96	45	392529	9.11	ppbv #	98
53) Toluene	9.77	91	79941	0.40	ppbv	100

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

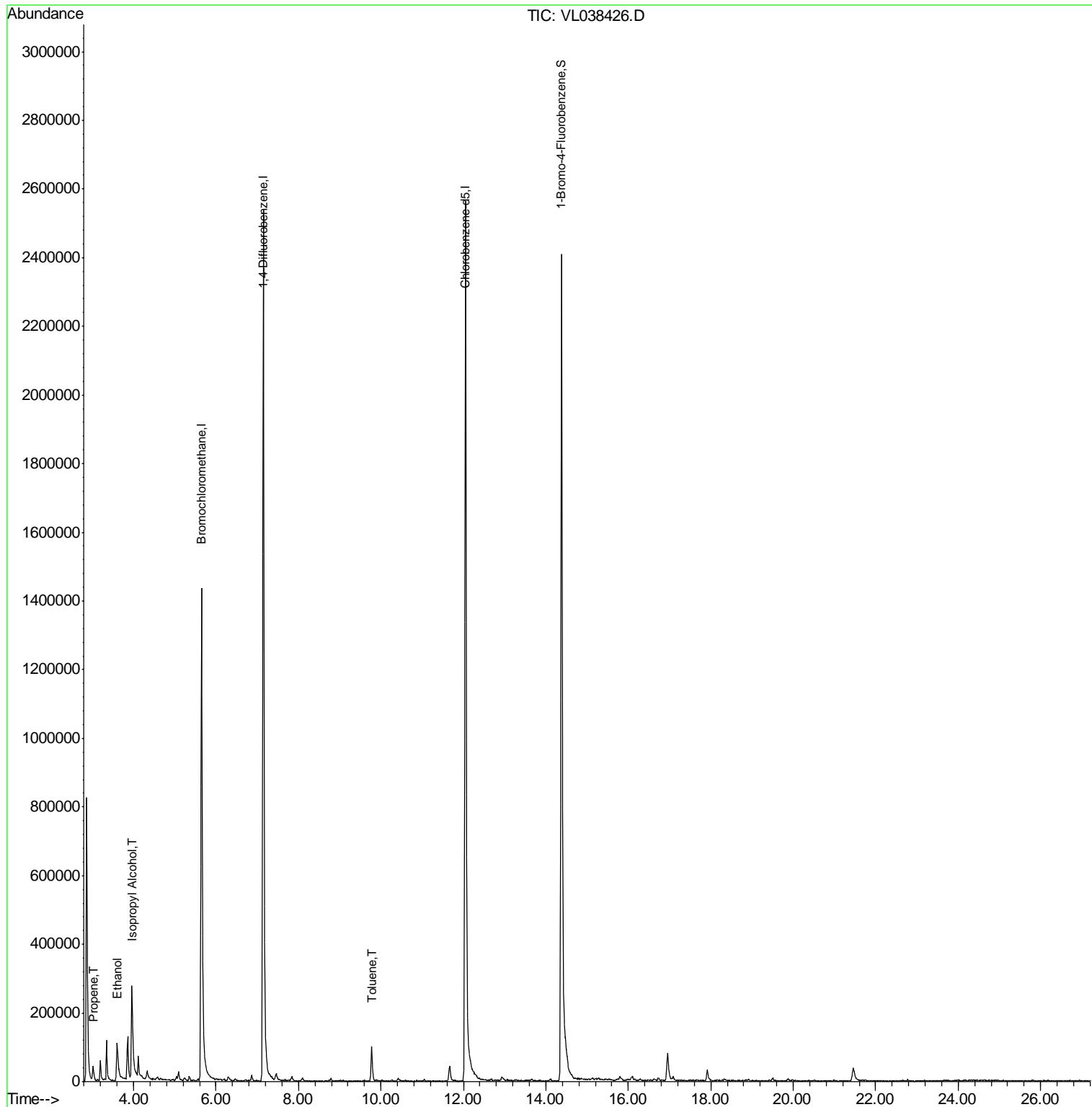
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
 Data File : VL038426.D
 Acq On : 24 Feb 2022 3:16
 Operator : SY/AP
 Sample : N1605-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

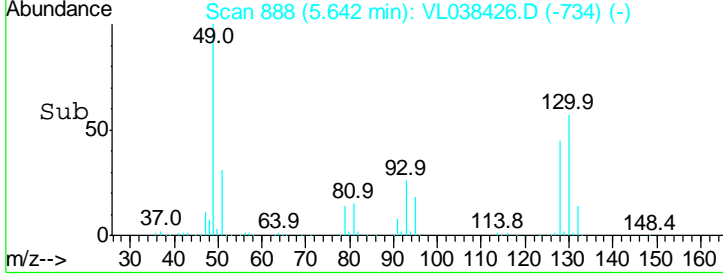
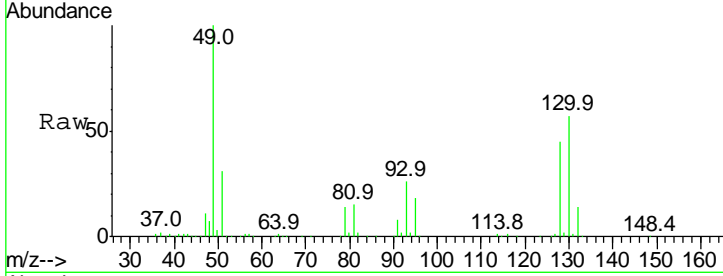
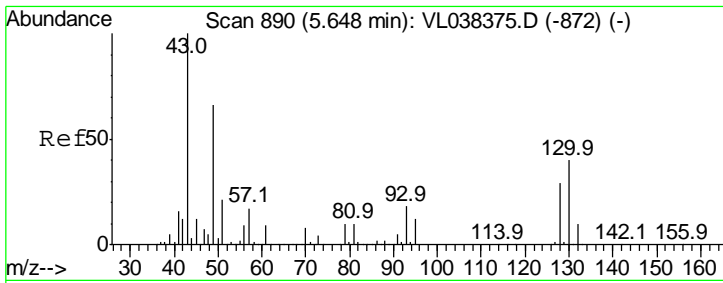
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-5DL

Manual Integrations
 APPROVED

Quant Time: Feb 26 16:02:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222.
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

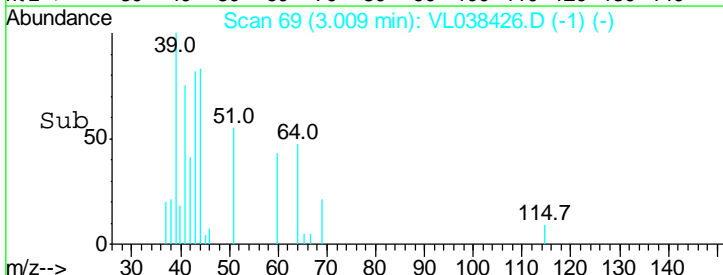
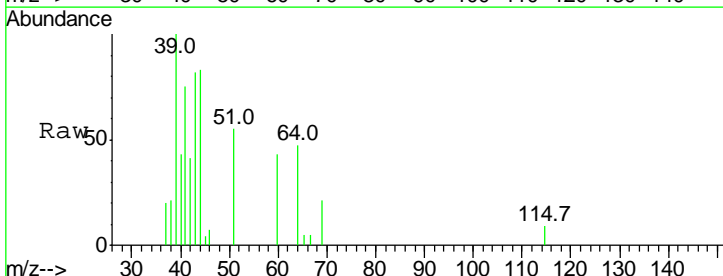
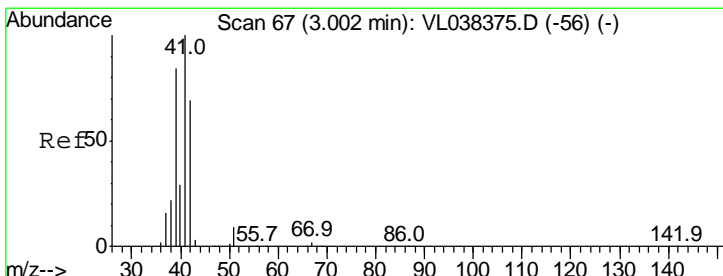
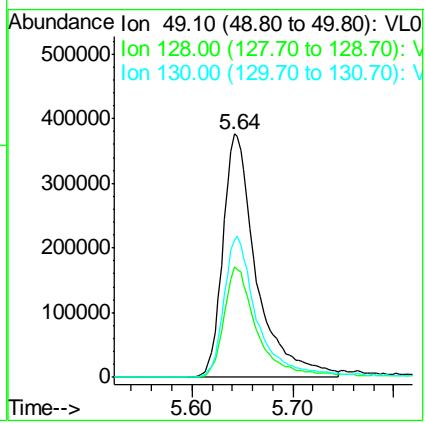




#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.64
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 IA-5DL
 Acq: 24 Feb 2022 3:16

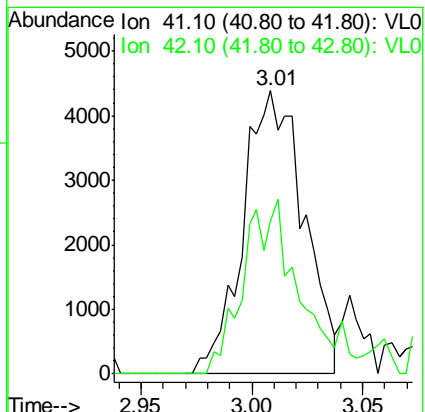
Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

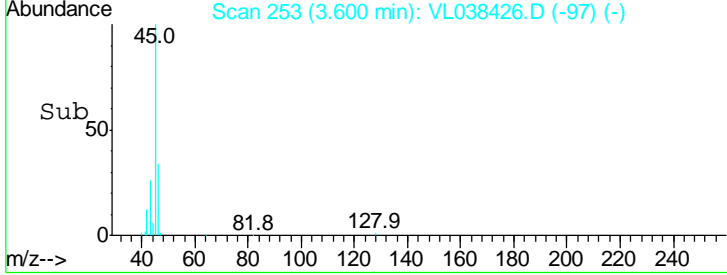
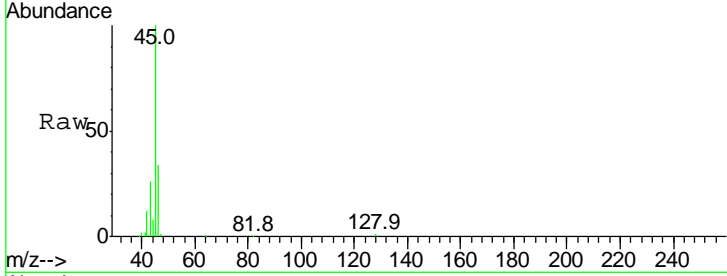
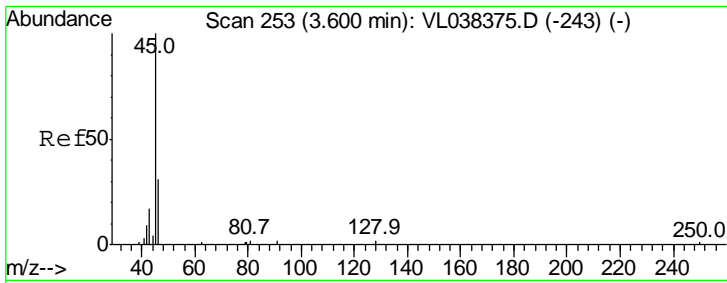
Tgt Ion:
 Ion Rati
 49 100
 128 46.
 130 59.



#9
 Propene
 Concen: 0.16 ppbv m
 RT: 3.01 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: VL038426.D
 Acq: 24 Feb 2022 3:16

Tgt Ion: 41 Resp: 8353
 Ion Ratio Lower Upper
 41 100
 42 0.0 54.6 82.0#

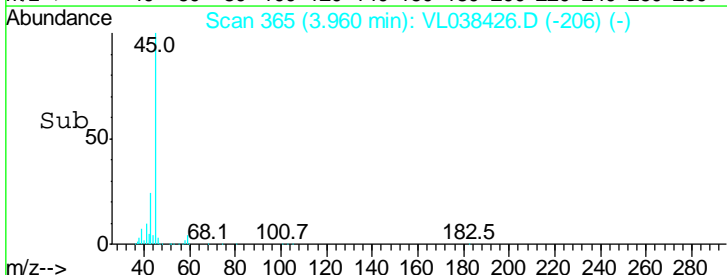
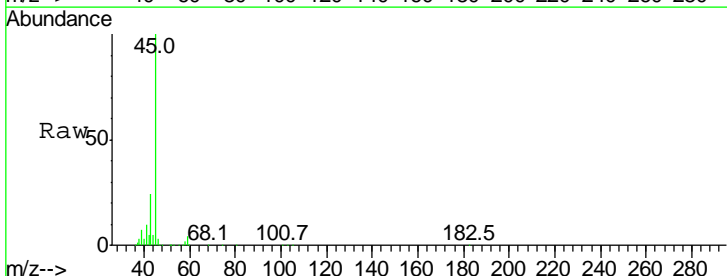
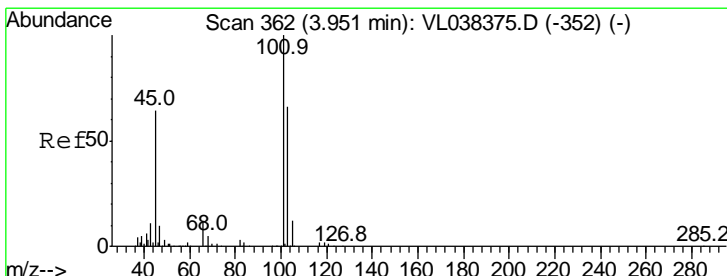
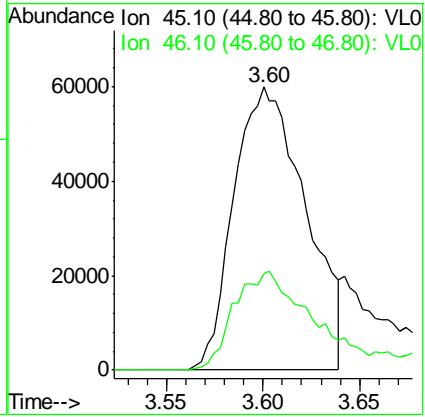




#13
 Ethanol
 Concen: 30.48 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 24 Feb 2022 3:16

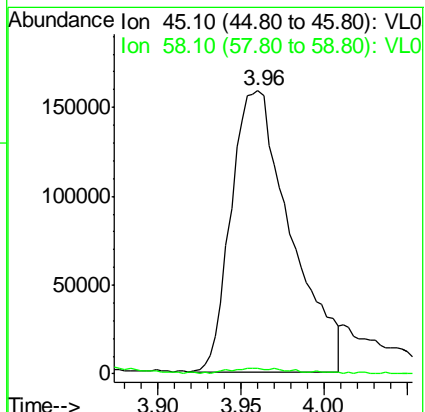
Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

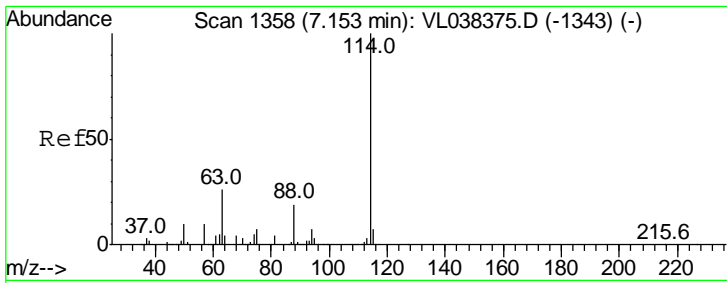
Tgt Ion:
 Ion Rati
 45 100
 46 47.



#19
 Isopropyl Alcohol
 Concen: 9.11 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VL038426.D
 Acq: 24 Feb 2022 3:16

Tgt Ion: 45 Resp: 392529
 Ion Ratio Lower Upper
 45 100
 58 3.0 1.8 2.8#

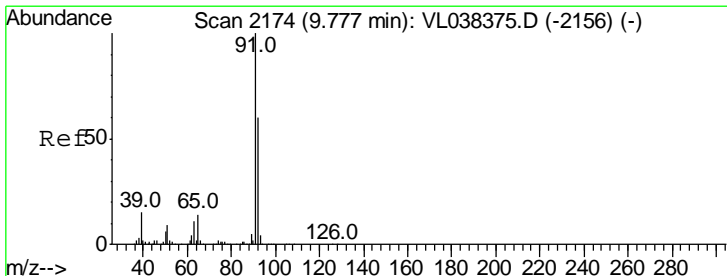
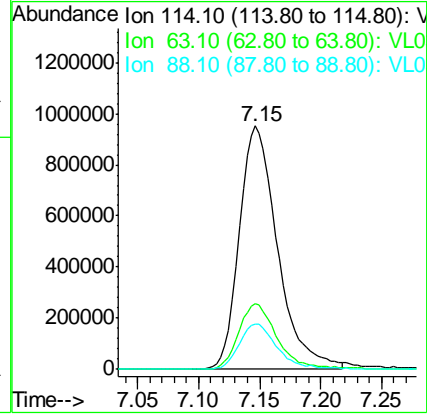
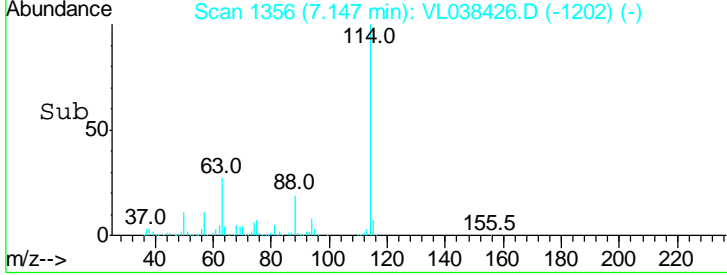
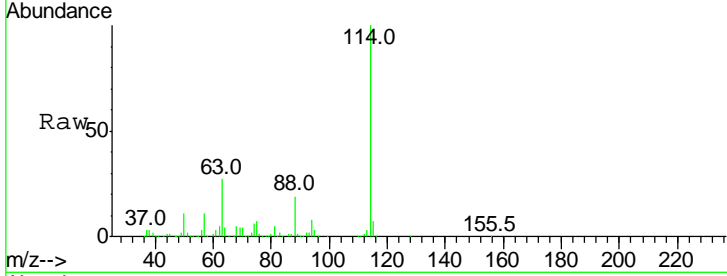




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 24 Feb 2022 3:16

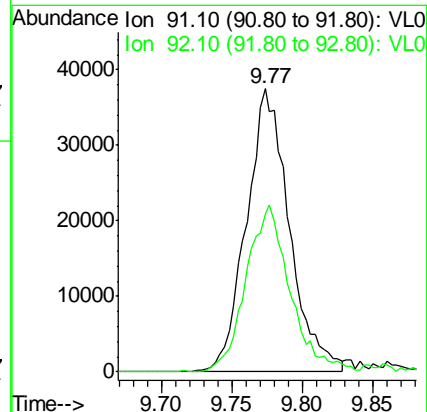
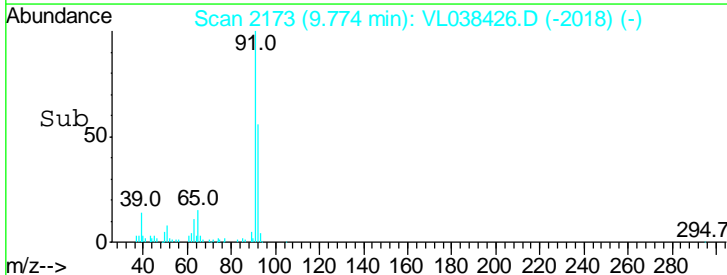
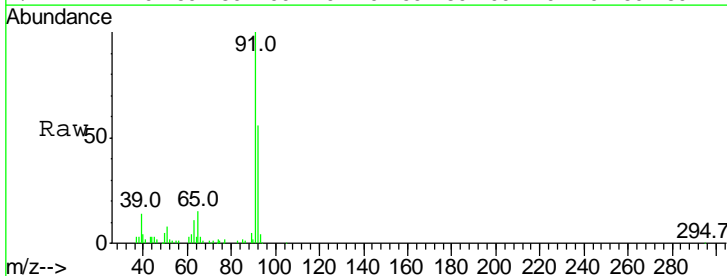
Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

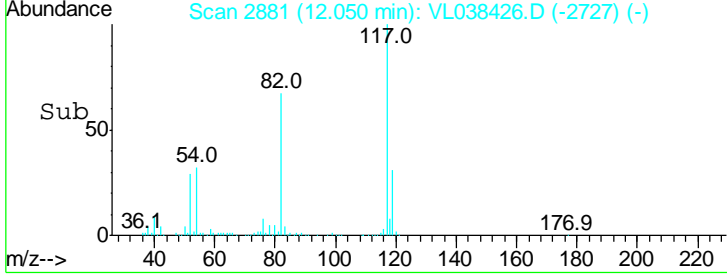
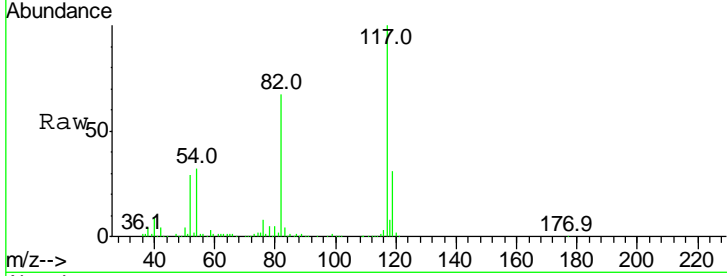
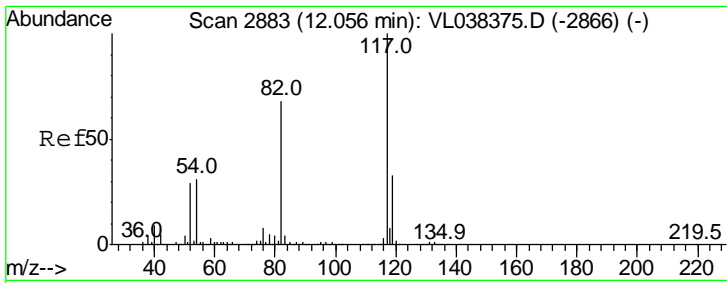
Tgt Ion: 1
 Ion Ratio
 114 100
 63 27.
 88 19.



#53
 Toluene
 Concen: 0.40 ppbv
 RT: 9.77 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: VL038426.D
 Acq: 24 Feb 2022 3:16

Tgt Ion: 91 Resp: 79941
 Ion Ratio Lower Upper
 91 100
 92 60.1 48.2 72.4

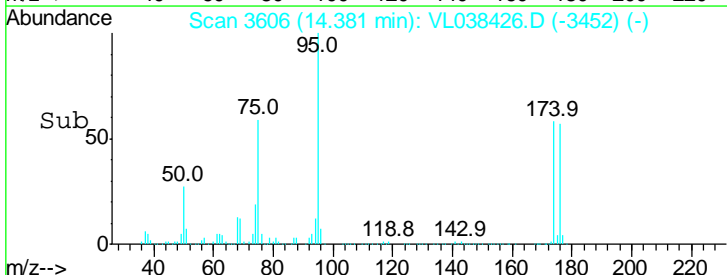
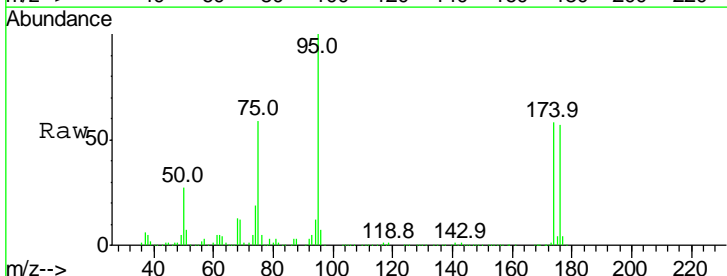
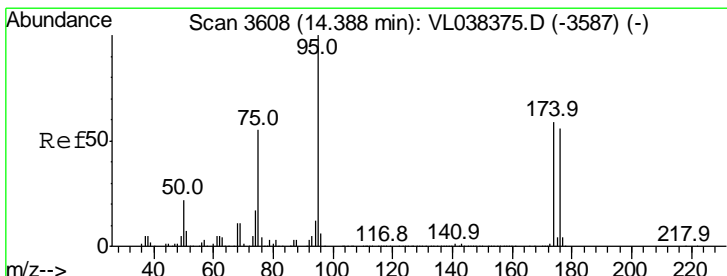
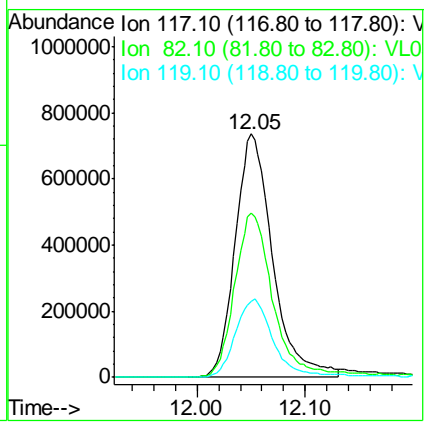




#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.05
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 24 Feb 2022 3:16

Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

Tgt Ion: 1
 Ion Ratio
 117 100
 82 72.
 119 33.



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.46 ppbv
 RT: 14.38 min Scan# 3606
 Delta R.T. -0.01 min
 Lab File: VL038426.D
 Acq: 24 Feb 2022 3:16

Tgt Ion: 95 Resp: 1388906
 Ion Ratio Lower Upper
 95 100
 174 62.1 49.0 73.4
 175 4.3 3.6 5.4

