

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
 Data File : VL038424.D
 Acq On : 24 Feb 2022 1:54
 Operator : SY/AP
 Sample : N1605-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 26 16:00:05 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	5.65	49	868108	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	2059106	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	1782456	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1384787	9.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	8989m	0.18	ppbv	
13) Ethanol	3.60	45	126806m	25.10	ppbv	
19) Isopropyl Alcohol	3.95	45	867591	20.29	ppbv	99
53) Toluene	9.78	91	64754	0.33	ppbv	96

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

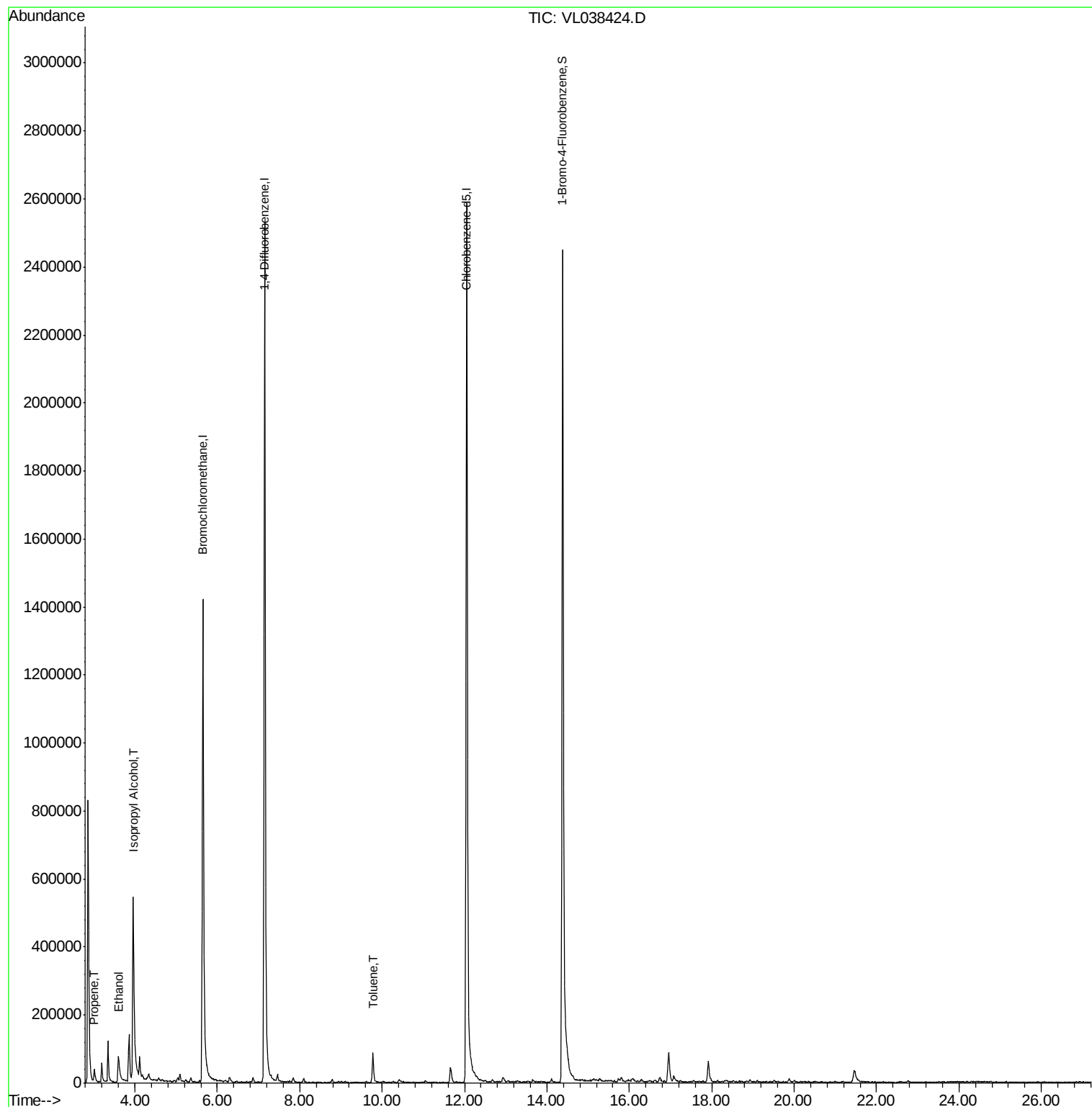
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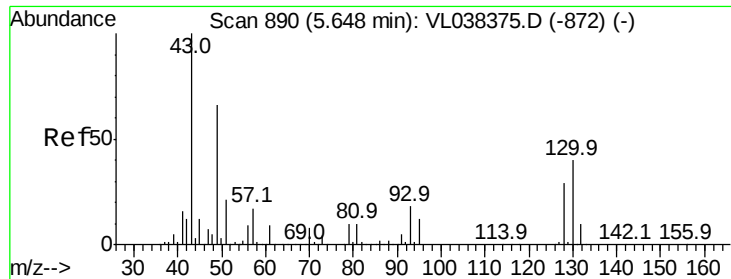
Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL022222
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Feb 2022 1:54

Tgt Ion:

Ion Ratio

49 100

128 47.

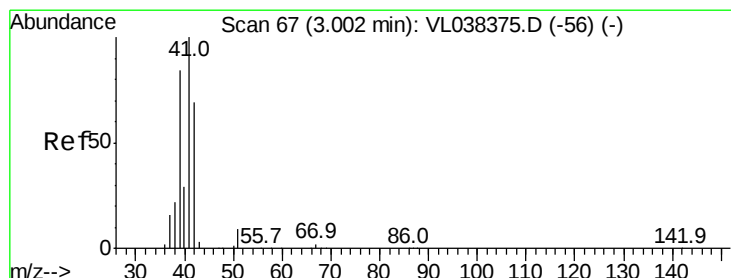
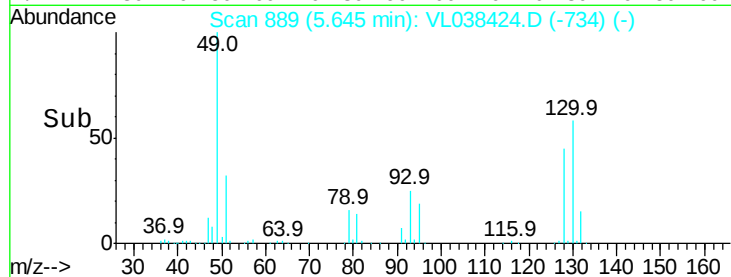
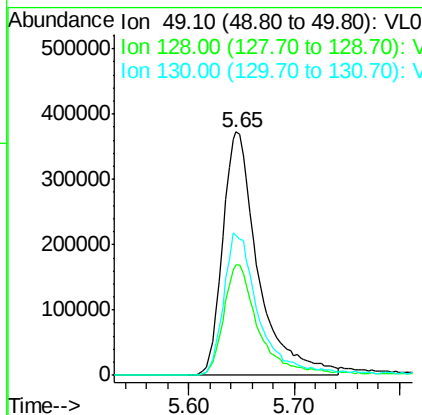
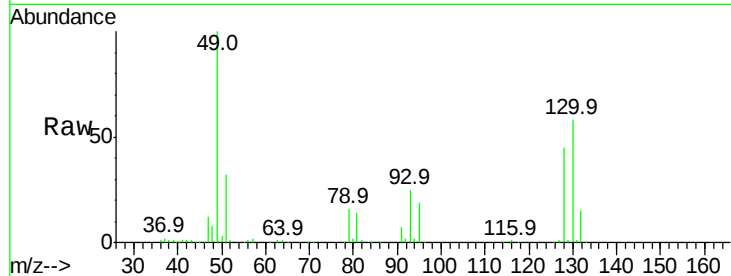
130 59.

Manual Integrations

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#9

Propene

Concen: 0.18 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.02 min

Lab File: VL038424.D

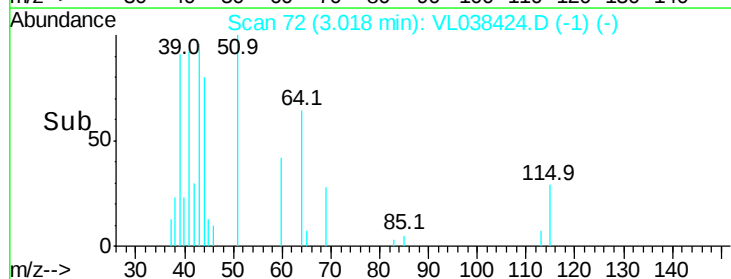
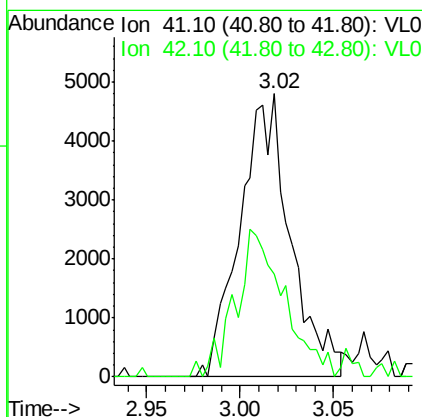
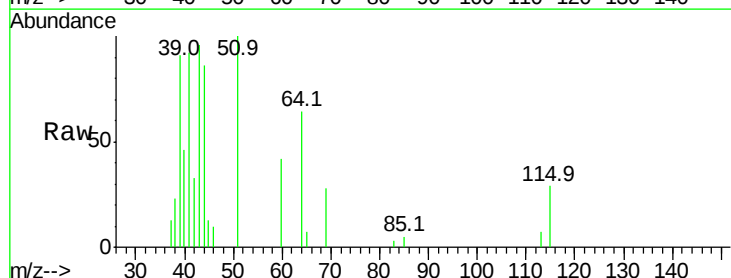
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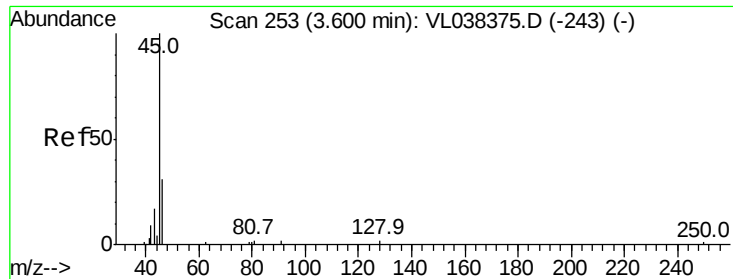
Tgt Ion: 41 Resp: 8989

Ion Ratio Lower Upper

41 100

42 158.1 54.6 82.0#



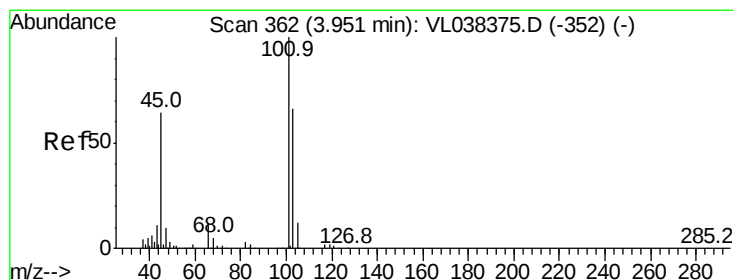
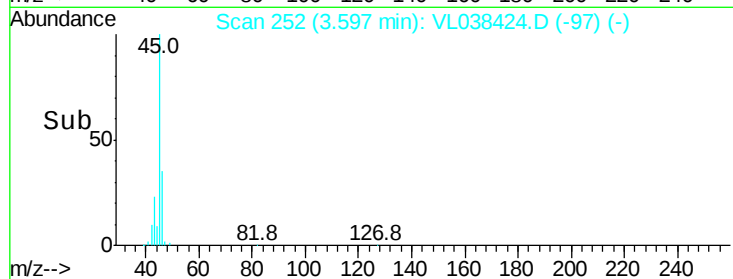
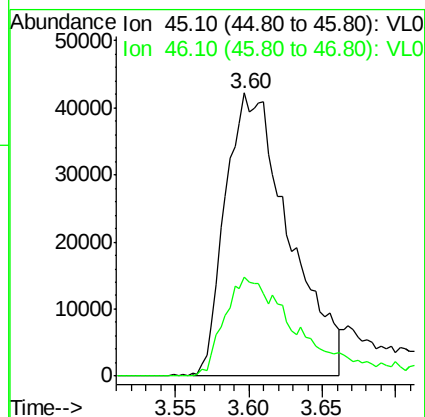
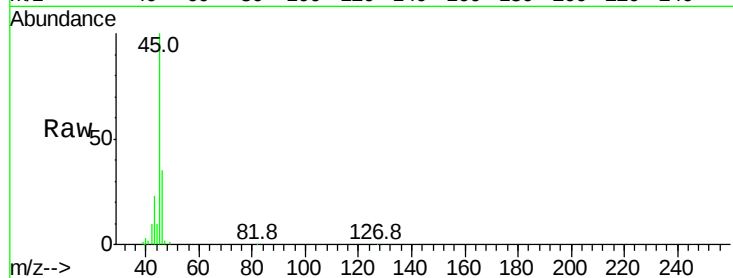


#13
 Ethanol
 Concen: 25.10 ppbv m
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Feb 2022 1:54

Tgt Ion:
 Ion Ratio
 45 100
 46 40.

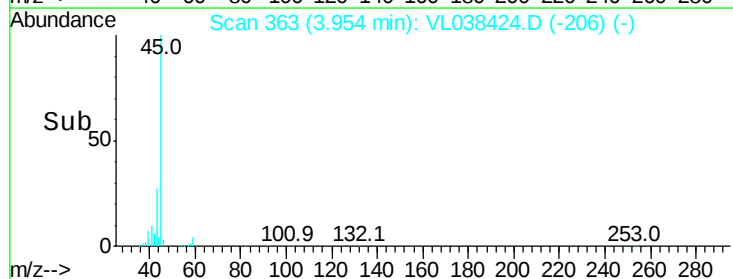
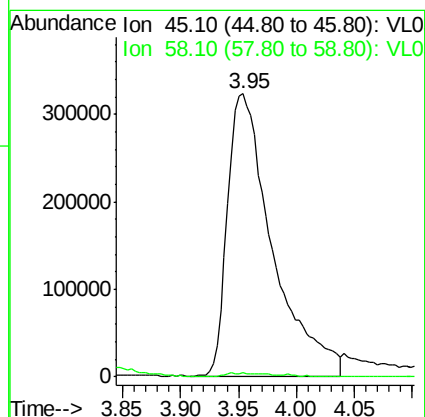
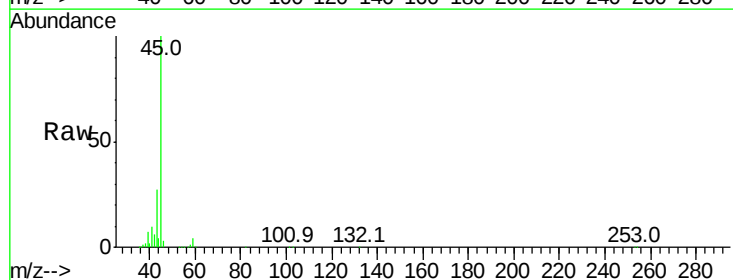
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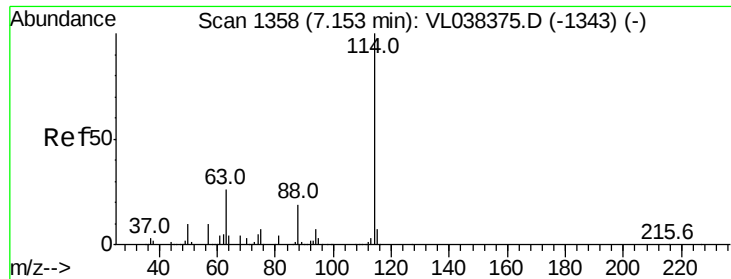
Reviewed By :Semsettin Yesilyurt 02/24/2022
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#19
 Isopropyl Alcohol
 Concen: 20.29 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VL038424.D
 Acq: 24 Feb 2022 1:54

Tgt Ion: 45 Resp: 867591
 Ion Ratio Lower Upper
 45 100
 58 1.8 1.8 2.8



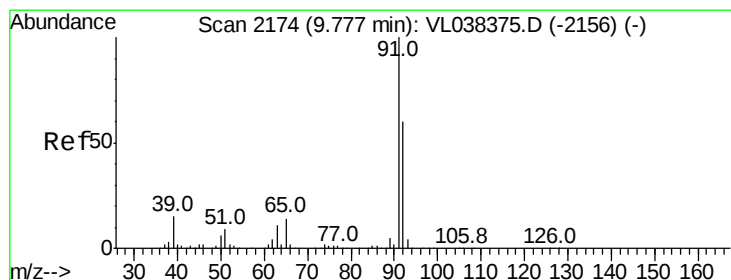
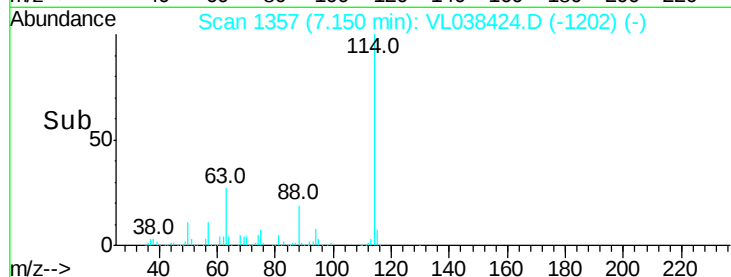
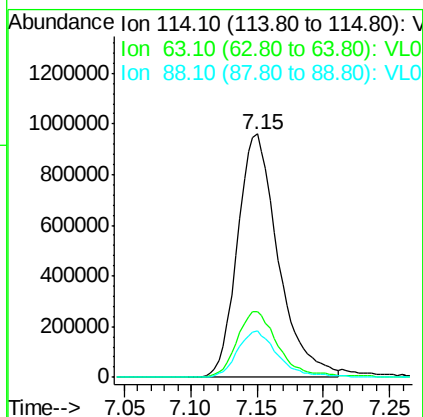
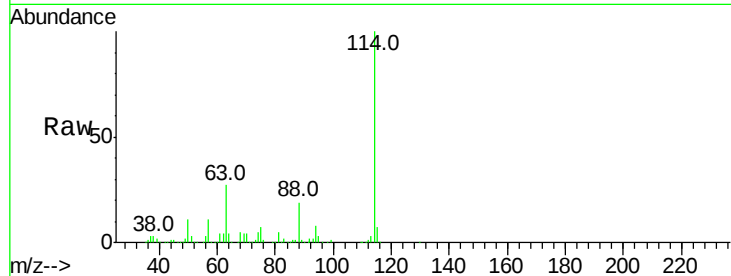


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.15
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 24 Feb 2022 1:54

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

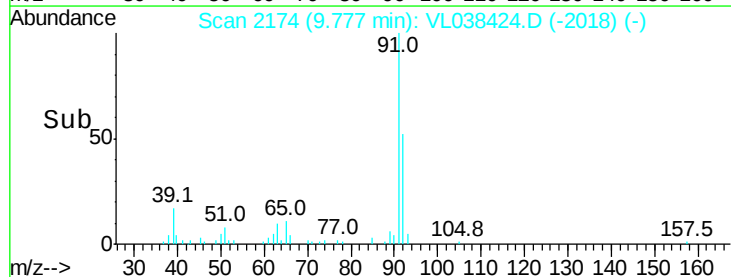
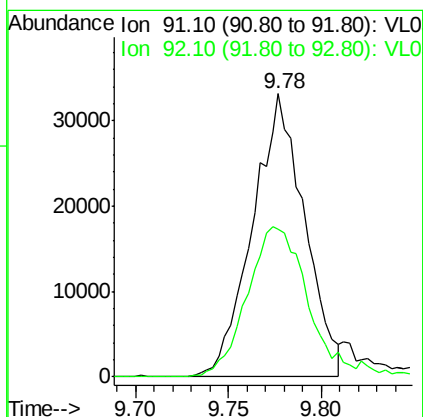
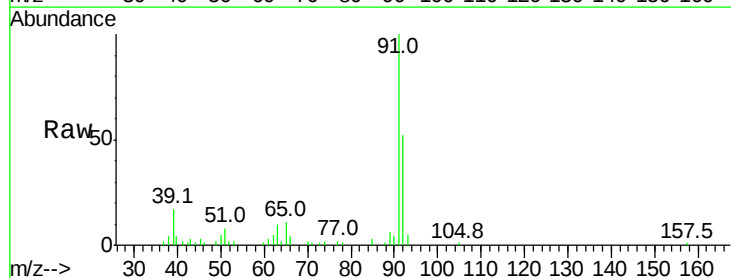
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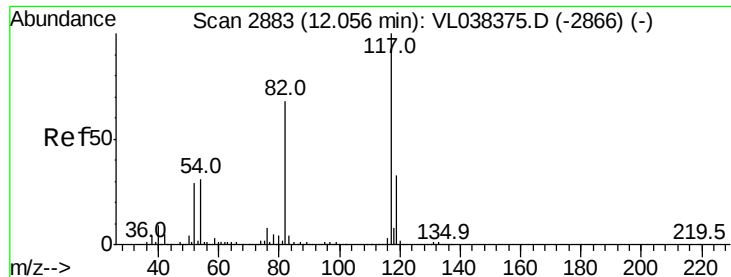
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#53
 Toluene
 Concen: 0.33 ppbv
 RT: 9.78 min Scan# 2174
 Delta R.T.: 0.00 min
 Lab File: VL038424.D
 Acq: 24 Feb 2022 1:54

Tgt Ion: 91 Resp: 64754
 Ion Ratio Lower Upper
 91 100
 92 63.7 48.2 72.4



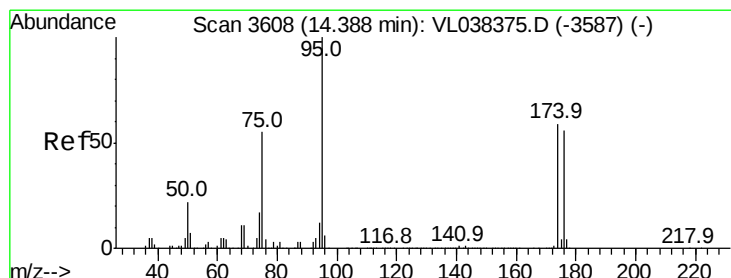
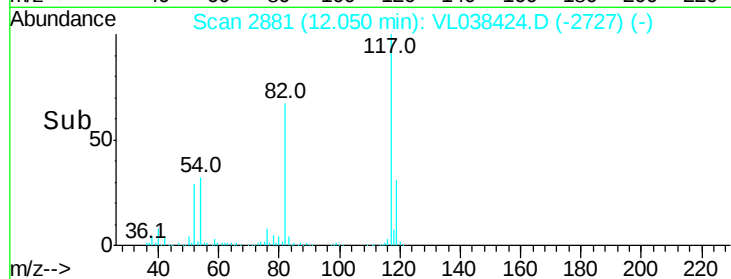
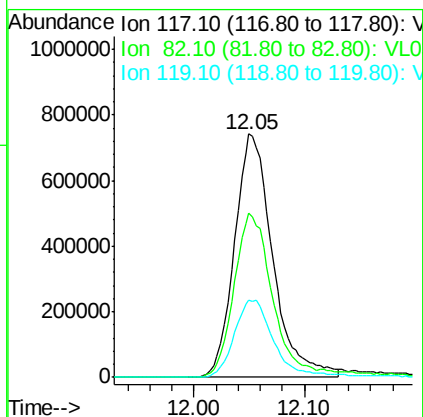
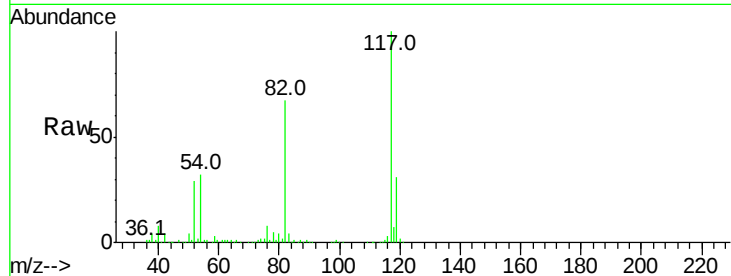


#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.05 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 24 Feb 2022 1:54

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

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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.39 ppbv
 RT: 14.38 min Scan# 3606
 Delta R.T.: -0.01 min
 Lab File: VL038424.D
 Acq: 24 Feb 2022 1:54

Tgt Ion: 95 Resp: 1384787
 Ion Ratio Lower Upper
 95 100
 174 62.7 49.0 73.4
 175 4.5 3.6 5.4

