

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038733.D
 Acq On : 24 Mar 2022 2:28
 Operator : SY/AP
 Sample : N2049-02DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P98DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 24 06:40:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	827612	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2203458	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1894985	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1359249	9.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	11781m	0.28	ppbv	
13) Ethanol	3.61	45	25689m	5.52	ppbv	
15) Acetone	3.85	43	180485	2.53	ppbv #	87
17) tert-Butyl alcohol	4.31	59	6973m	0.11	ppbv	
19) Isopropyl Alcohol	3.98	45	6826m	0.17	ppbv	
20) Methylene Chloride	4.35	84	24442	0.81	ppbv	90
26) Hexane	5.68	57	15489m	0.19	ppbv	
34) 2-Butanone	5.25	43	146052	1.67	ppbv	93

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

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Quant Time: Mar 24 06:40:20 2022

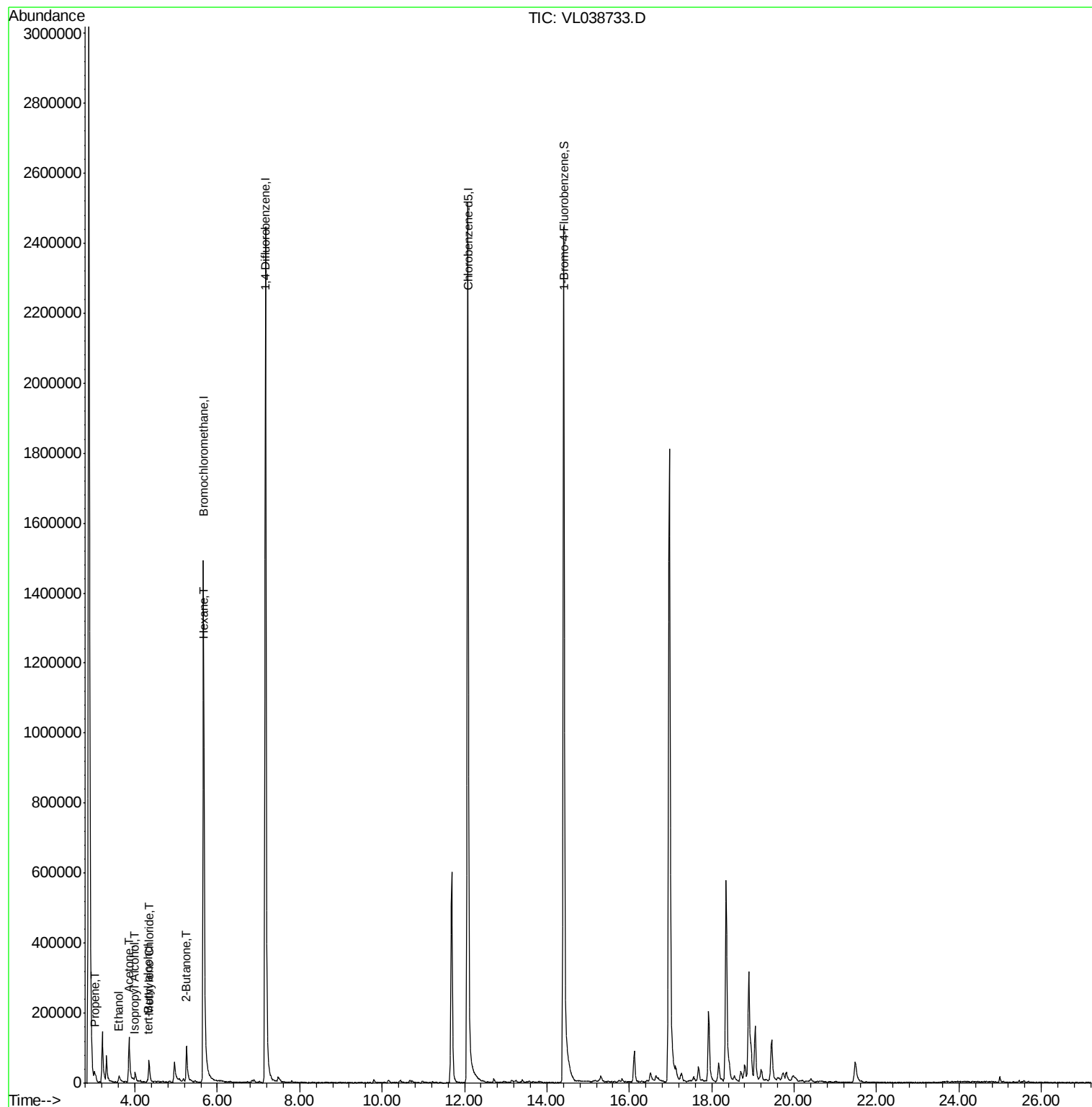
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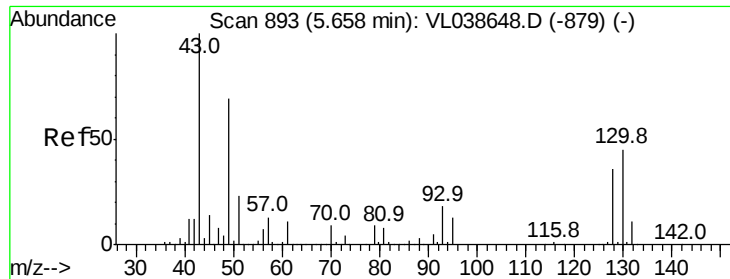
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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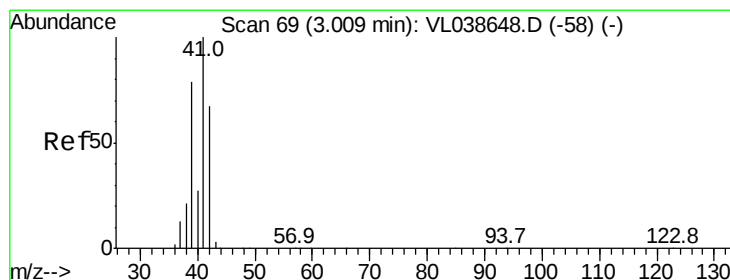
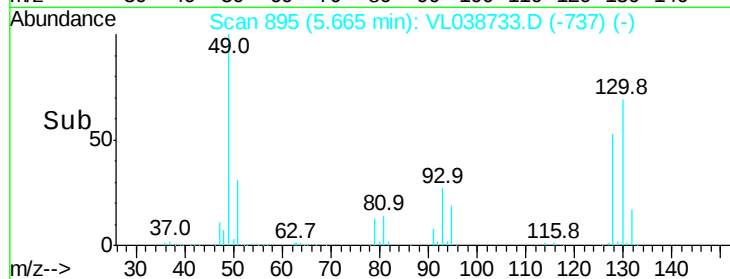
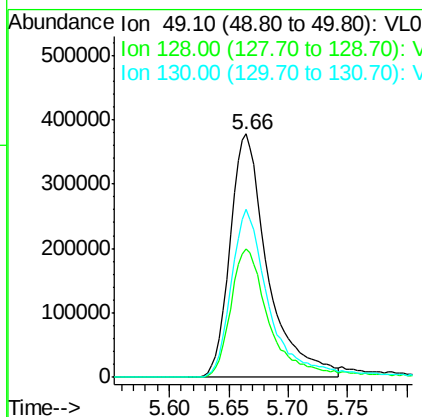
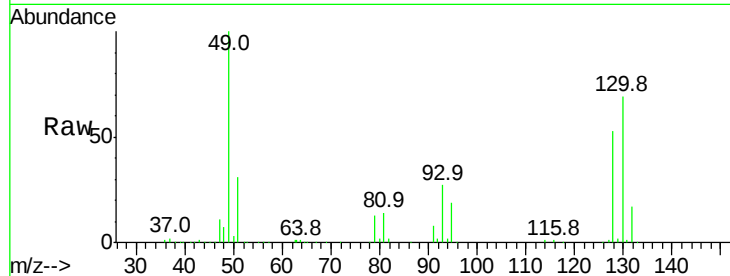


#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.66
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 C0P98DL
 Acq: 24 Mar 2022 2:28

Tgt Ion:
 Ion Ratio
 49 100
 128 56.
 130 71.

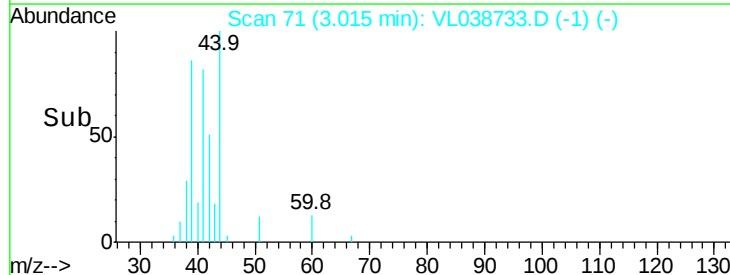
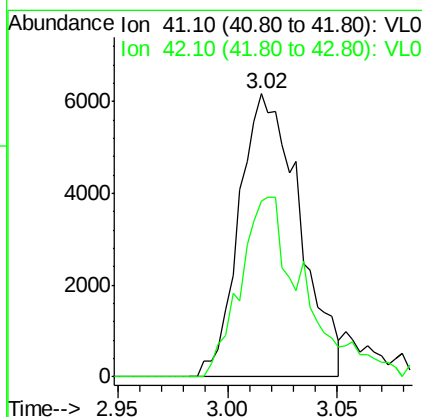
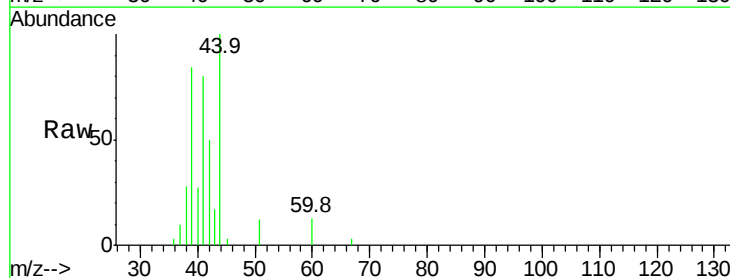
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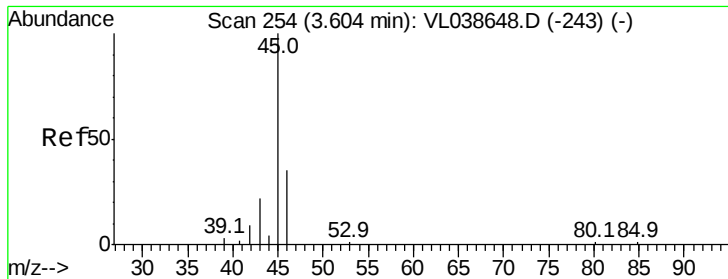
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#9
 Propene
 Concen: 0.28 ppbv m
 RT: 3.02 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: VL038733.D
 Acq: 24 Mar 2022 2:28

Tgt Ion: 41 Resp: 11781
 Ion Ratio Lower Upper
 41 100
 42 68.4 56.2 84.4



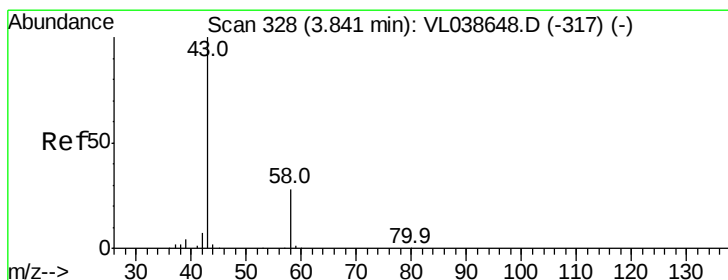
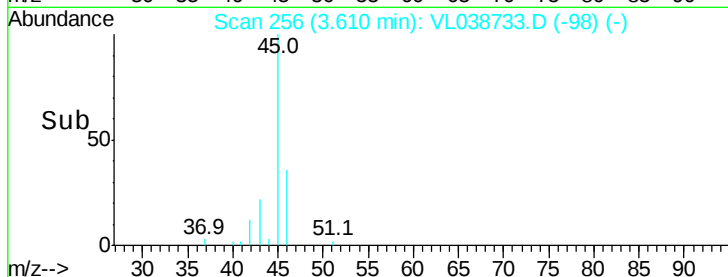
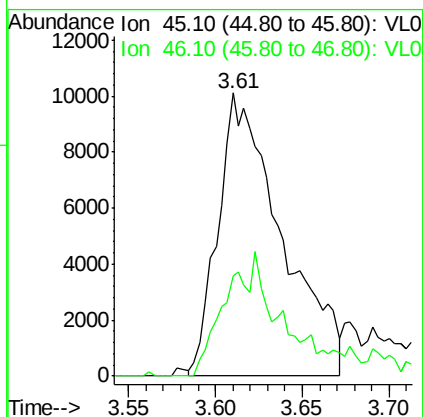
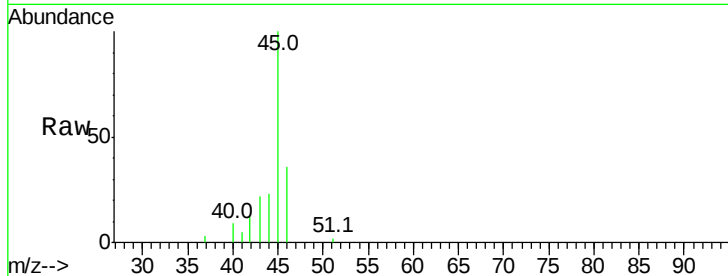


#13
Ethanol
Concen: 5.52 ppbv m
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2022 2:28

Tgt Ion:
Ion Ratio
45 100
46 0.

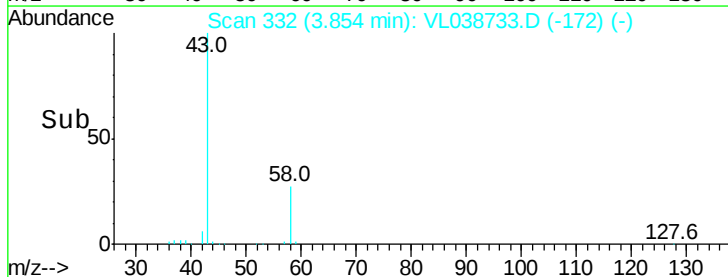
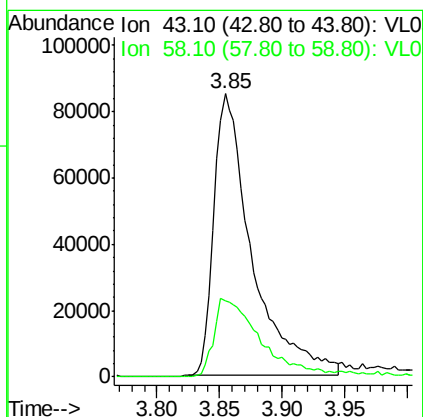
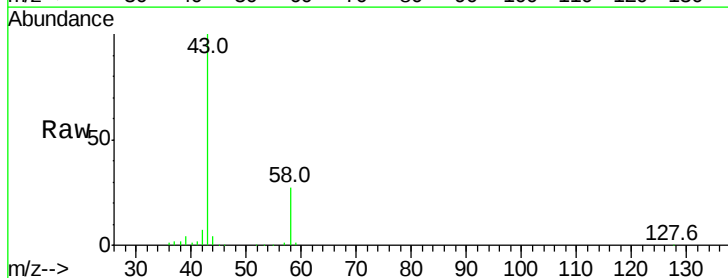
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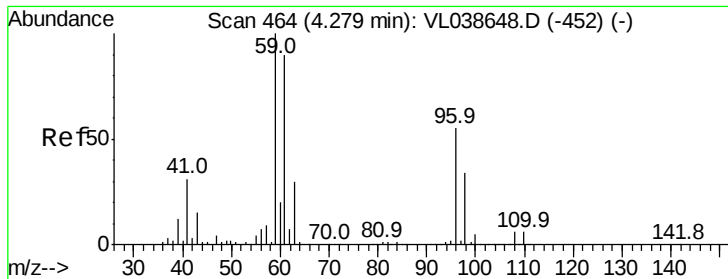
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Supervised By :Mahesh Dadoda 03/28/2022



#15
Acetone
Concen: 2.53 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL038733.D
Acq: 24 Mar 2022 2:28

Tgt Ion: 43 Resp: 180485
Ion Ratio Lower Upper
43 100
58 36.1 23.3 34.9#



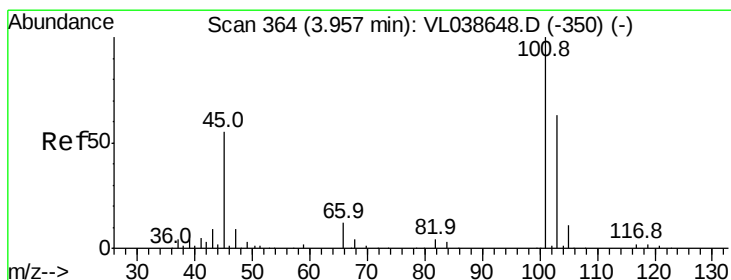
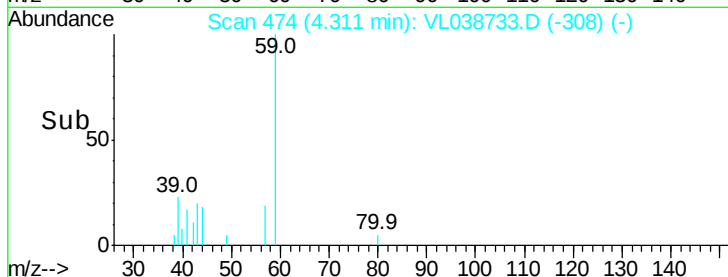
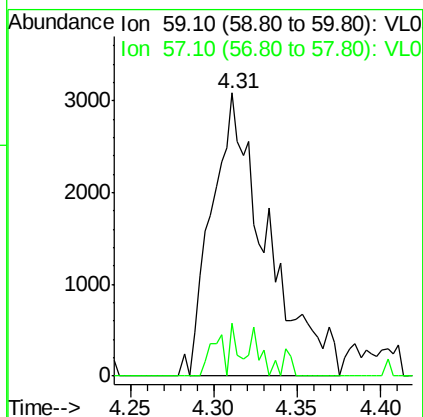
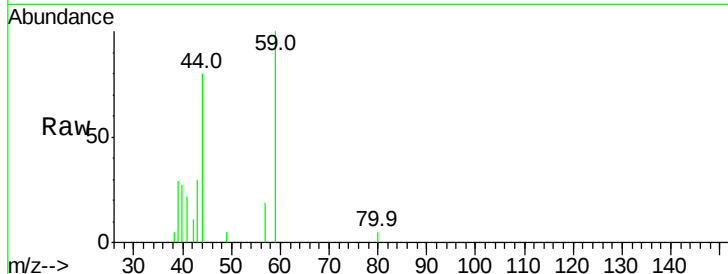


#17
 tert-Butyl alcohol
 Concen: 0.11 ppbv m
 RT: 4.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 C0P98DL
 Acq: 24 Mar 2022 2:28

Tgt Ion:
 Ion Ratio
 59 100
 57 0.

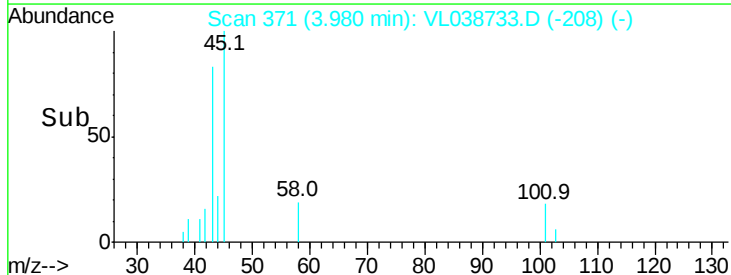
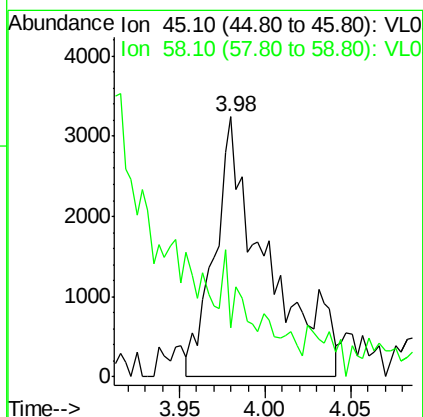
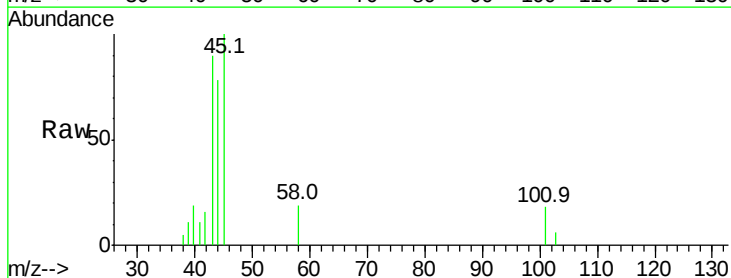
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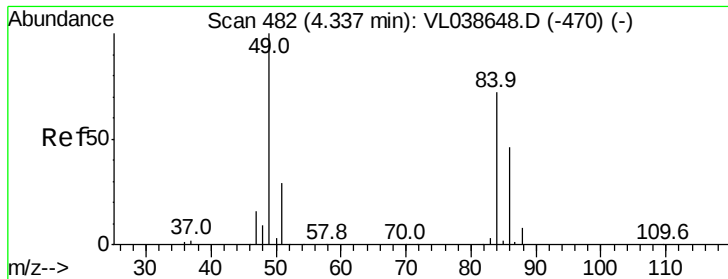
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#19
 Isopropyl Alcohol
 Concen: 0.17 ppbv m
 RT: 3.98 min Scan# 371
 Delta R.T. 0.02 min
 Lab File: VL038733.D
 Acq: 24 Mar 2022 2:28

Tgt Ion: 45 Resp: 6826
 Ion Ratio Lower Upper
 45 100
 58 0.0 2.3 3.5#



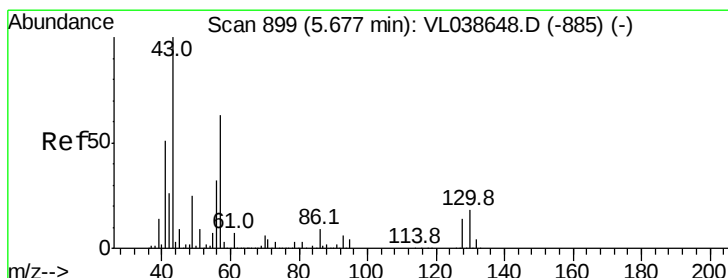
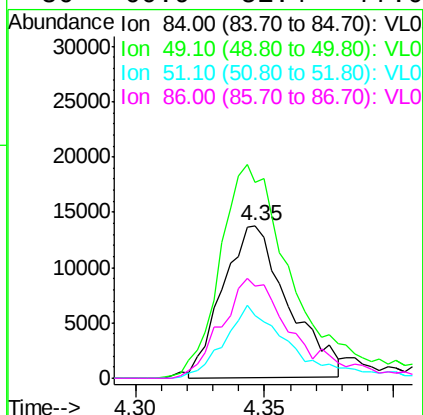
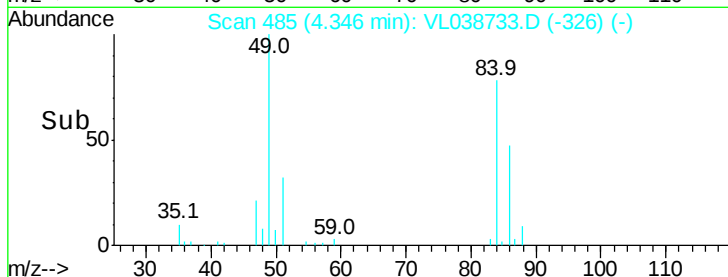
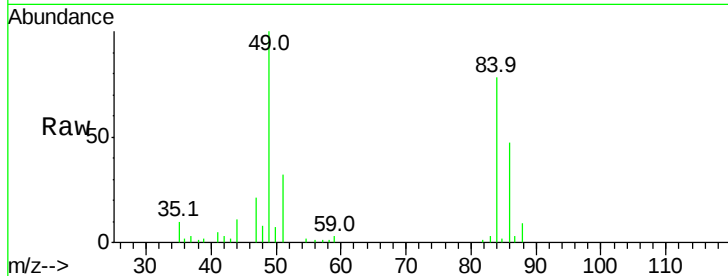


#20
Methylene Chloride
Concen: 0.81 ppbv
RT: 4.35
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2022 2:28

Tgt Ion:
Ion Ratio
84 100
49 121.
51 39.
86 60.9 51.4 77.0

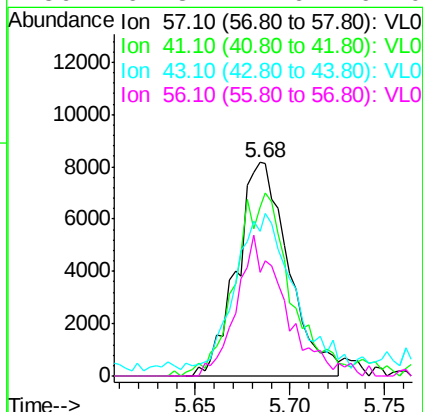
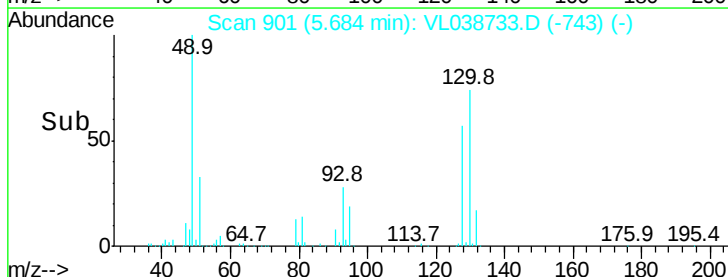
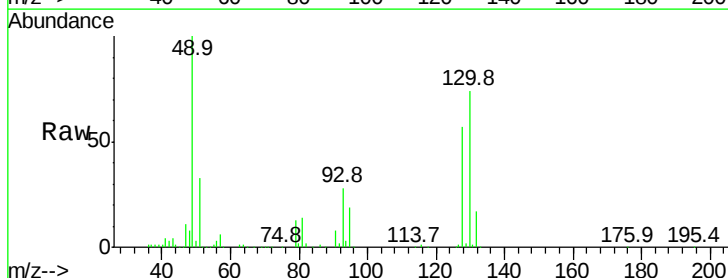
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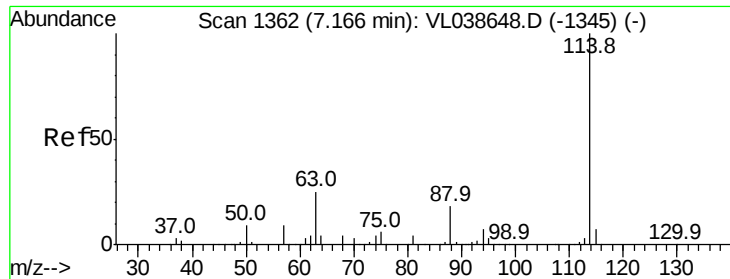
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#26
Hexane
Concen: 0.19 ppbv m
RT: 5.68 min Scan# 901
Delta R.T.: 0.01 min
Lab File: VL038733.D
Acq: 24 Mar 2022 2:28

Tgt Ion: 57 Resp: 15489
Ion Ratio Lower Upper
57 100
41 96.3 67.0 100.4
43 84.2 184.2 276.2#
56 62.3 42.6 64.0



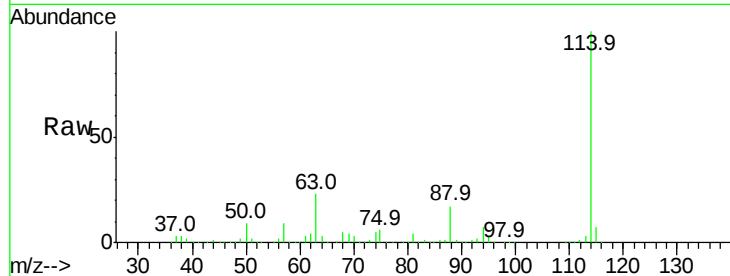


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 24 Mar 2022 2:28

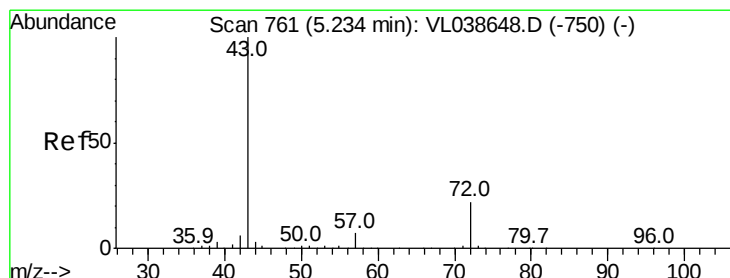
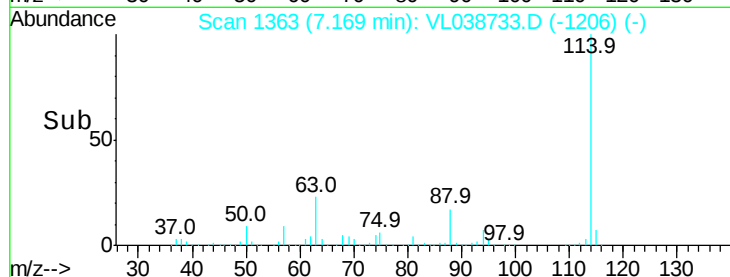
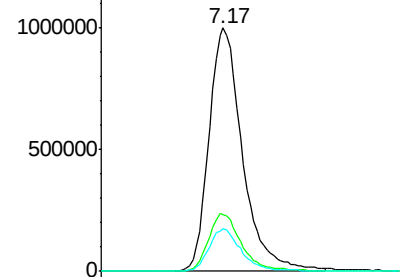
Tgt Ion: 1
 Ion Ratio
 114 100
 63 23.
 88 17.

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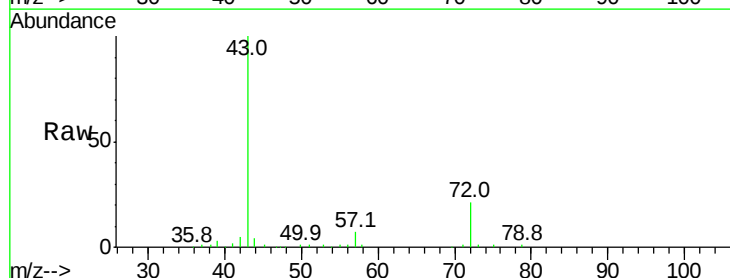


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

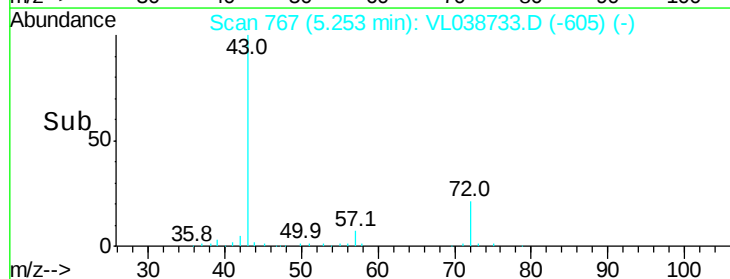
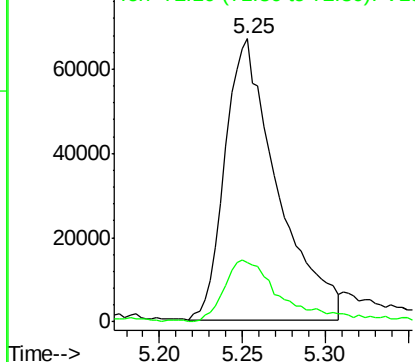


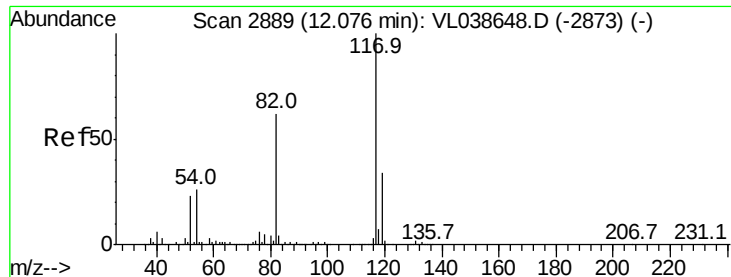
#34
 2-Butanone
 Concen: 1.67 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T.: 0.02 min
 Lab File: VL038733.D
 Acq: 24 Mar 2022 2:28

Tgt Ion: 43 Resp: 146052
 Ion Ratio Lower Upper
 43 100
 72 25.4 17.8 26.8



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



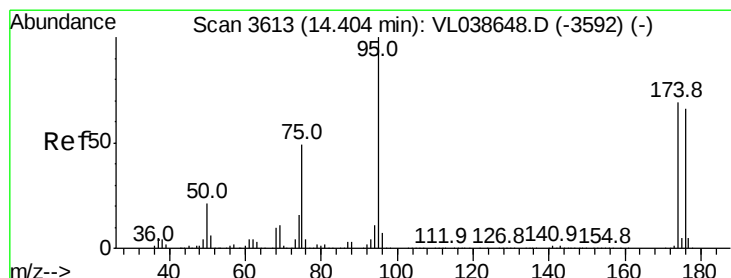
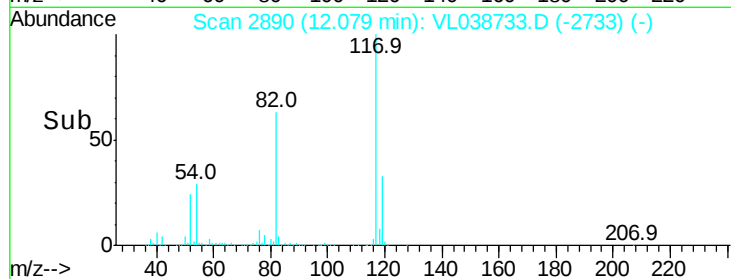
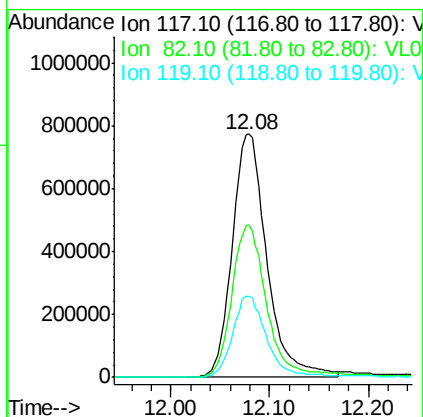
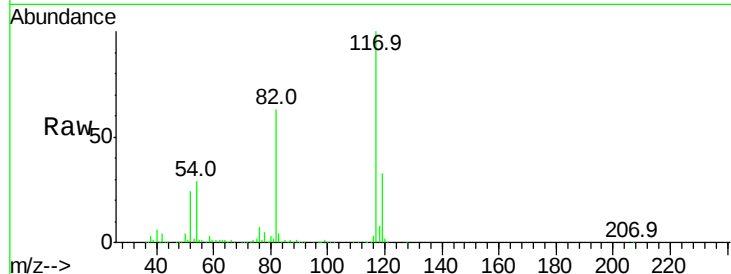


#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.08
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 C0P98DL
 Acq: 24 Mar 2022 2:28

Tgt Ion: 1
 Ion Ratio
 117 100
 82 65.
 119 33.

Manual Integrations
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.36 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T.: 0.00 min
 Lab File: VL038733.D
 Acq: 24 Mar 2022 2:28

Tgt Ion: 95 Resp: 1359249
 Ion Ratio Lower Upper
 95 100
 174 72.3 56.1 84.1
 175 5.2 4.2 6.2

