

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037957.D
 Acq On : 2 Nov 2021 3:29
 Operator : SY/AP
 Sample : M4425-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 02 06:09:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 06:09:43 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.655	49	1423475	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	4061088	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.066	117	3582100	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	2485582	9.546	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.500%
Target Compounds						
4) Chloromethane	3.134	50	10585m	0.105	ppbv	Qvalue
9) Propene	3.018	41	16077m	0.169	ppbv	
13) Ethanol	3.607	45	46666m	4.869	ppbv	
15) Acetone	3.851	43	116569m	0.991	ppbv	
19) Isopropyl Alcohol	3.996	45	33048m	0.439	ppbv	
20) Methylene Chloride	4.343	84	65984m	1.022	ppbv	
26) Hexane	5.677	57	26698	0.161	ppbv #	48

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

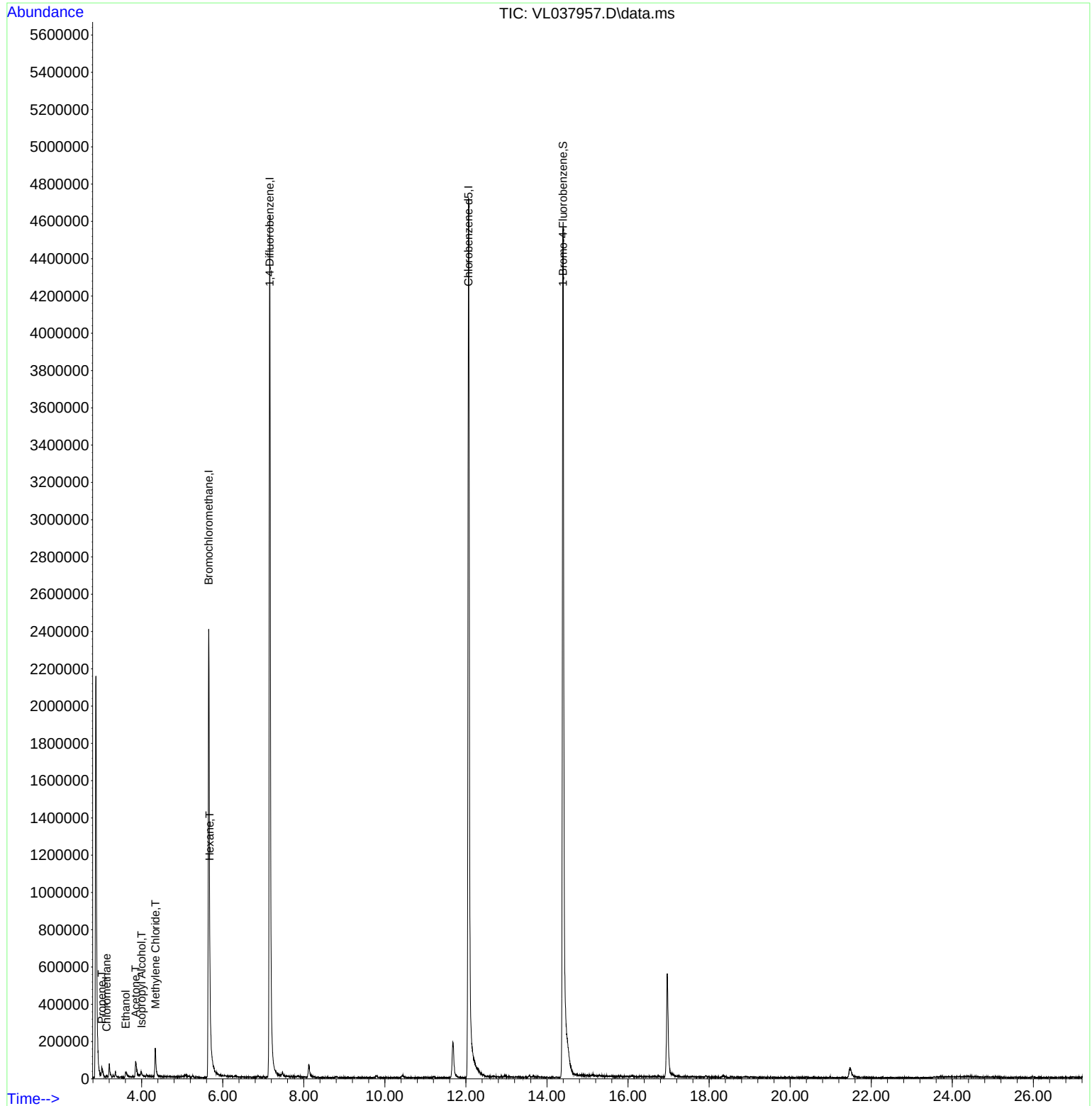
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
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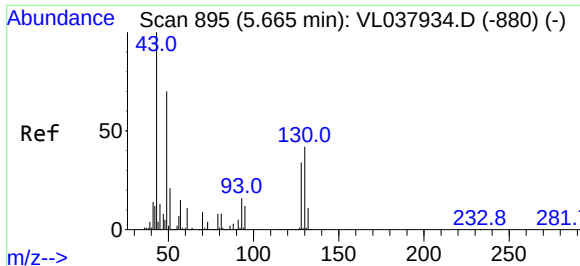
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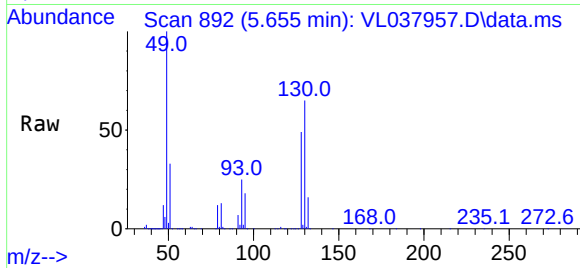
Quant Time: Nov 02 06:09:43 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 895
Delta R.T. -0.010 min
Lab File: VL037957.D
Acq: 2 Nov 2021 3:29

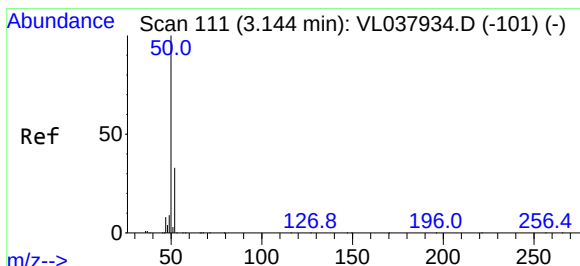
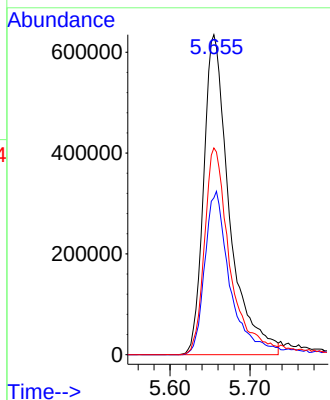
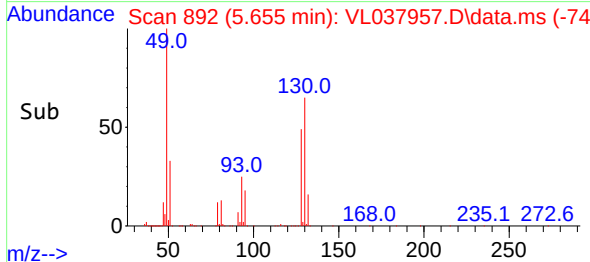
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 1423475
Ion Ratio Lower Upper
49 100
128 52.3 27.0 81.0
130 67.2 33.4 100.2

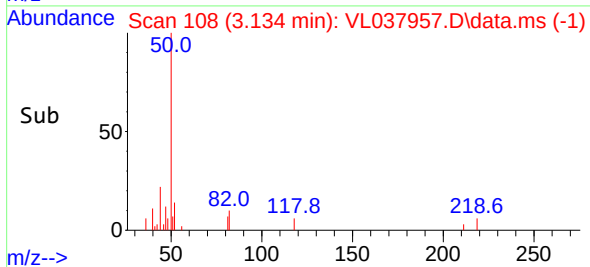
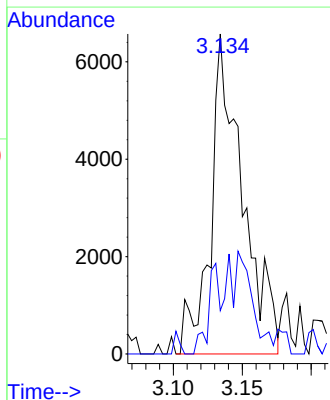
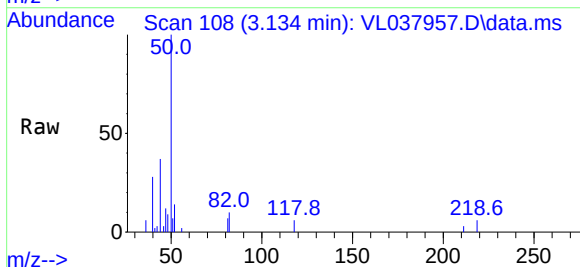
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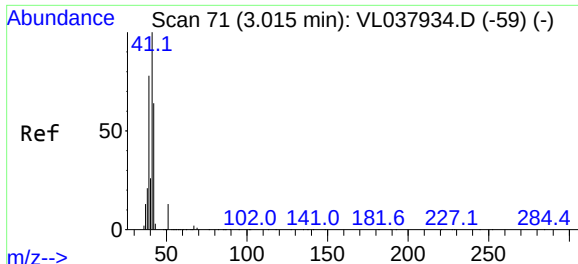
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Supervised By :Mahesh Dadoda 11/10/2021



#4
Chloromethane
Concen: 0.105 ppbv m
RT: 3.134 min Scan# 108
Delta R.T. -0.010 min
Lab File: VL037957.D
Acq: 2 Nov 2021 3:29

Tgt Ion: 50 Resp: 10585
Ion Ratio Lower Upper
50 100
52 13.6 26.3 39.5#





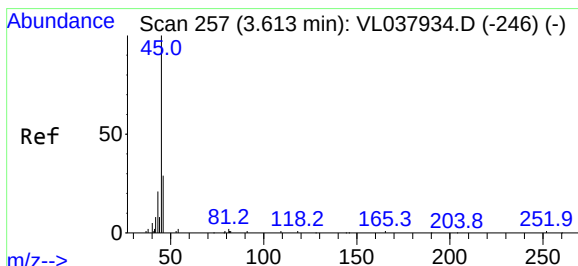
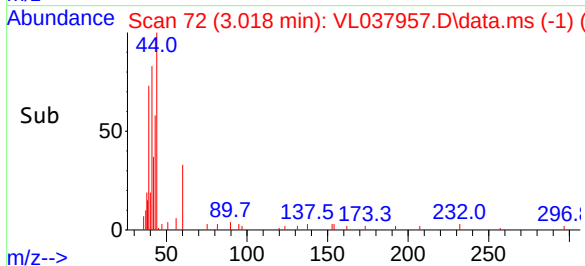
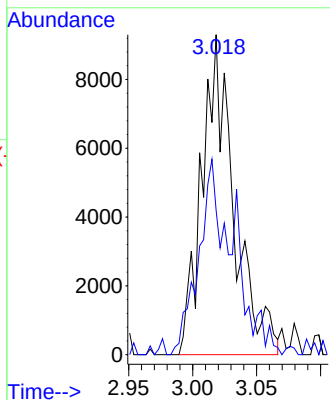
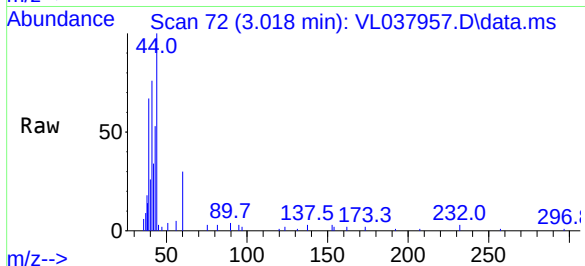
#9
Propene
Concen: 0.169 ppbv m
RT: 3.018 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL037957.D
Acq: 2 Nov 2021 3:29

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 41 Resp: 1607
Ion Ratio Lower Upper
41 100
42 68.5 57.6 86.4

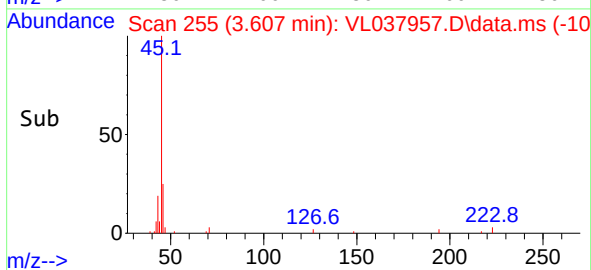
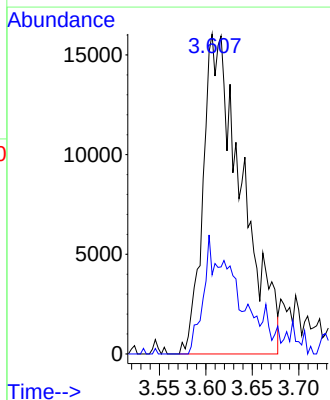
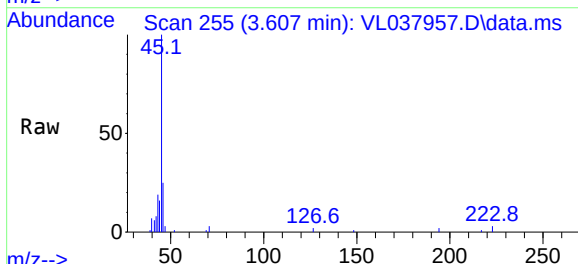
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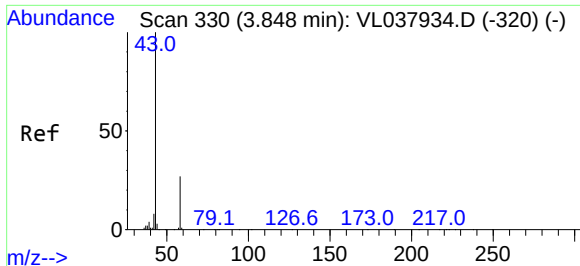
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Supervised By :Mahesh Dadoda 11/10/2021



#13
Ethanol
Concen: 4.869 ppbv m
RT: 3.607 min Scan# 255
Delta R.T. -0.007 min
Lab File: VL037957.D
Acq: 2 Nov 2021 3:29

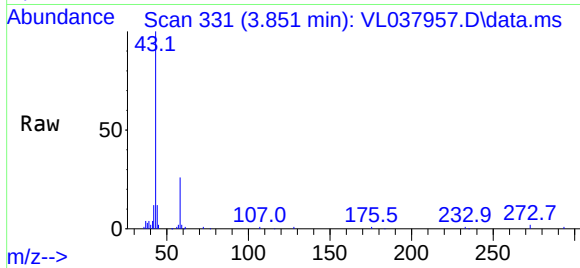
Tgt Ion: 45 Resp: 46666
Ion Ratio Lower Upper
45 100
46 36.6 17.4 69.8





#15
Acetone
Concen: 0.991 ppbv m
RT: 3.851 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL037957.D
Acq: 2 Nov 2021 3:29

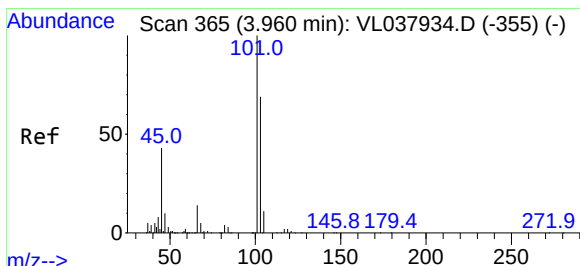
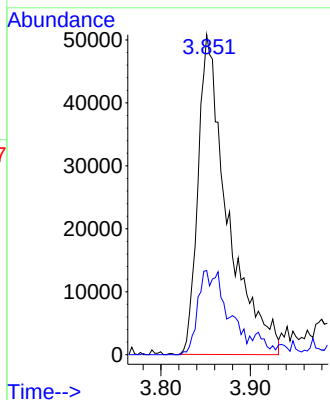
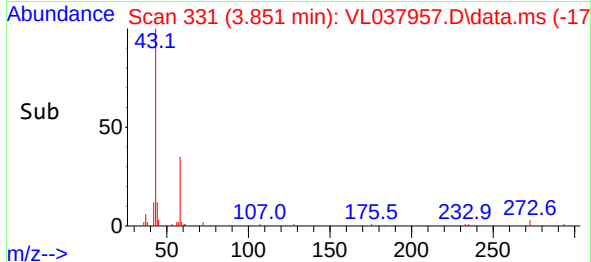
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 43 Resp: 11656
Ion Ratio Lower Upper
43 100
58 31.7 23.3 34.9

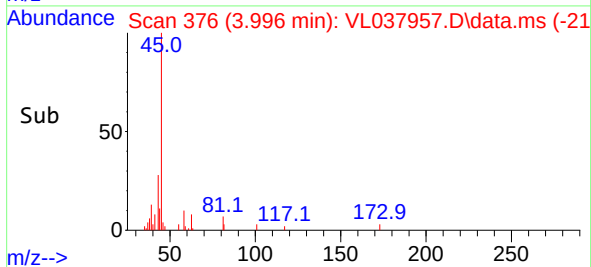
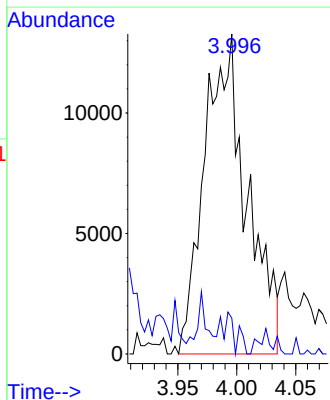
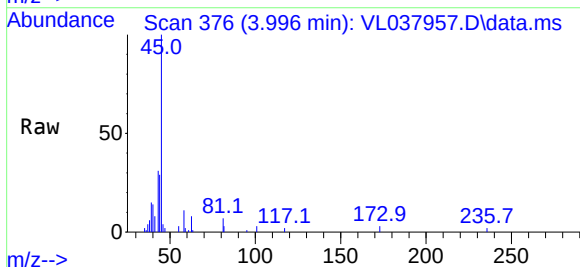
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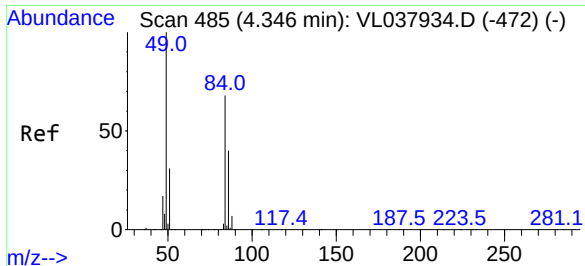
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#19
Isopropyl Alcohol
Concen: 0.439 ppbv m
RT: 3.996 min Scan# 376
Delta R.T. 0.035 min
Lab File: VL037957.D
Acq: 2 Nov 2021 3:29

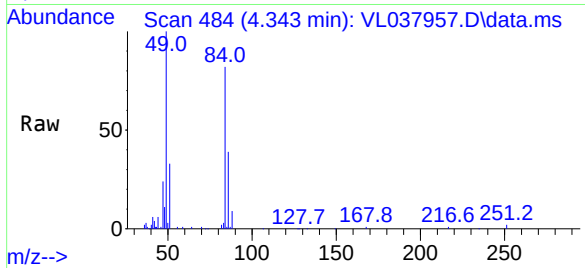
Tgt Ion: 45 Resp: 33048
Ion Ratio Lower Upper
45 100
58 3.8 4.0 6.0#





#20
Methylene Chloride
Concen: 1.022 ppbv m
RT: 4.343 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL037957.D
Acq: 2 Nov 2021 3:29

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

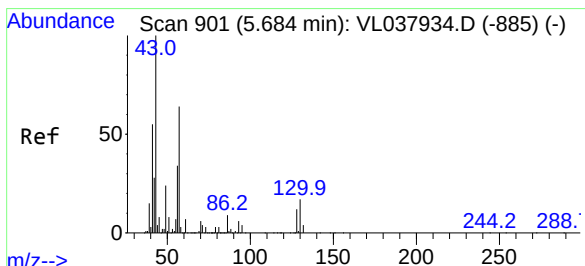
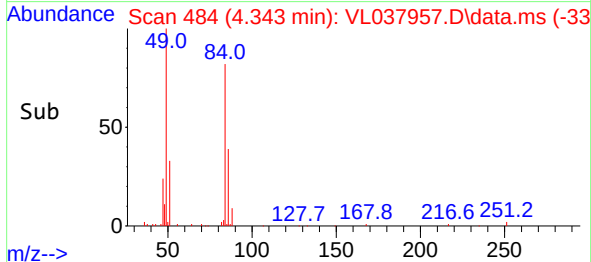
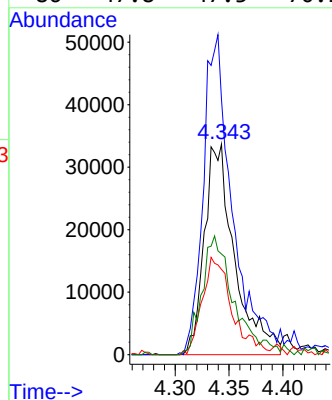


Tgt Ion: 84 Resp: 65984

Ion	Ratio	Lower	Upper
84	100		
49	121.3	117.5	176.3
51	40.5	35.9	53.9
86	47.8	47.3	70.9

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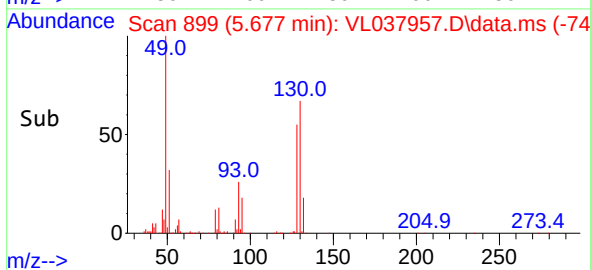
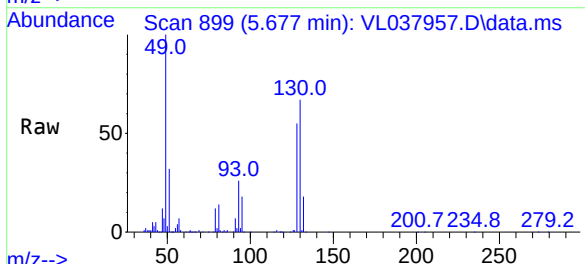
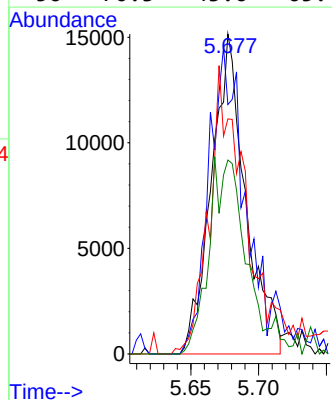
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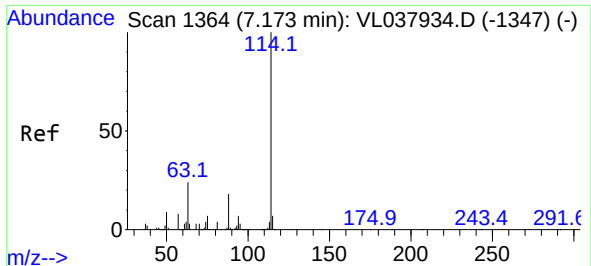


#26
Hexane
Concen: 0.161 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.007 min
Lab File: VL037957.D
Acq: 2 Nov 2021 3:29

Tgt Ion: 57 Resp: 26698

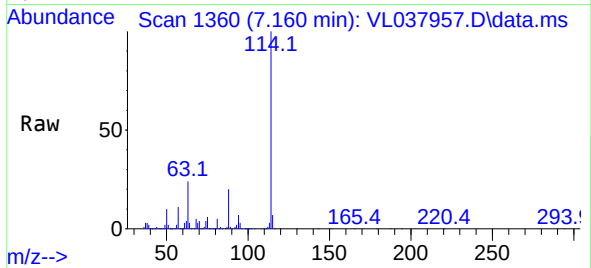
Ion	Ratio	Lower	Upper
57	100		
41	109.2	71.0	106.6#
43	101.7	173.0	259.6#
56	70.3	43.6	65.4#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL037957.D
Acq: 2 Nov 2021 3:29

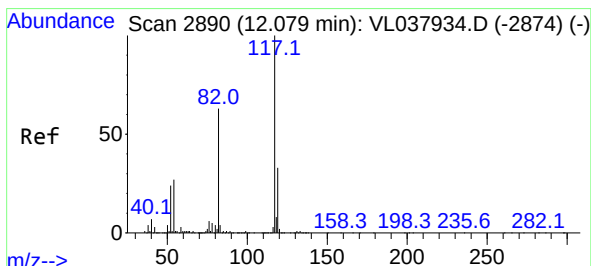
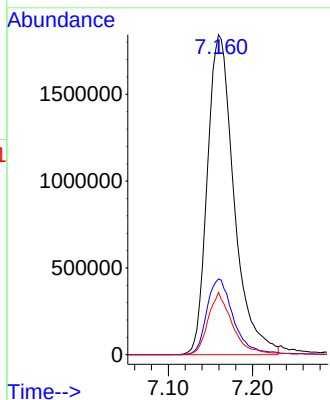
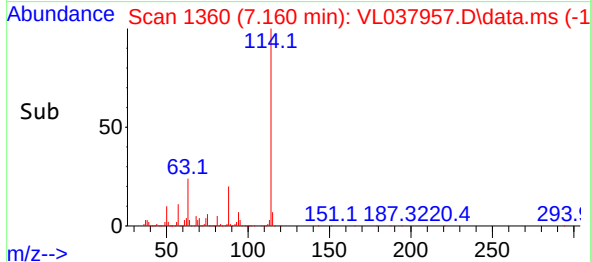
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



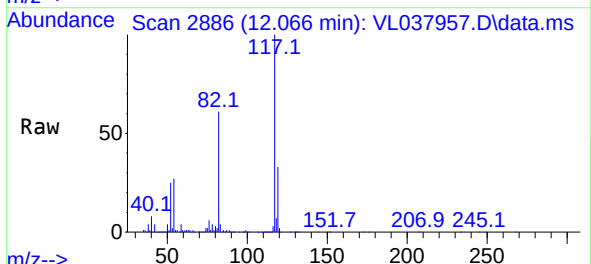
Tgt Ion:114 Resp: 4061088
Ion Ratio Lower Upper
114 100
63 24.3 19.4 29.0
88 18.0 14.2 21.4

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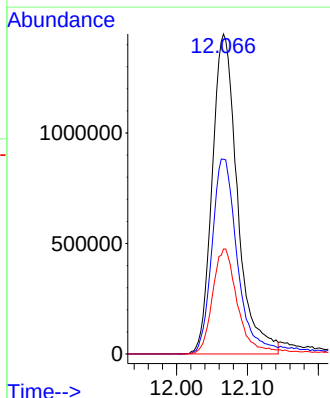
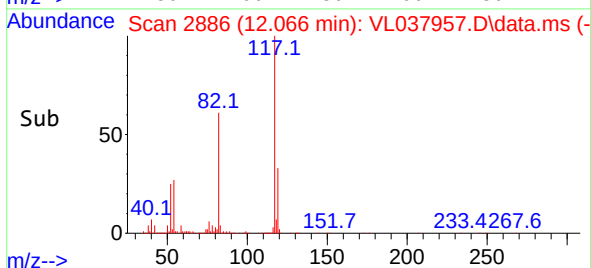
Reviewed By :Semsettin Yesilyurt 11/05/2021
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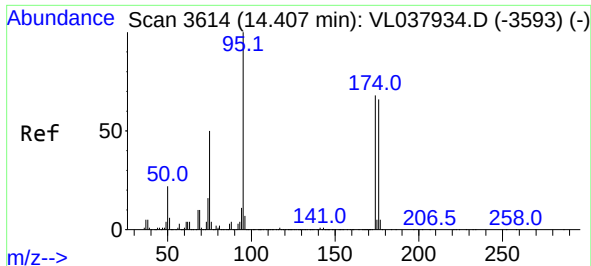


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.013 min
Lab File: VL037957.D
Acq: 2 Nov 2021 3:29



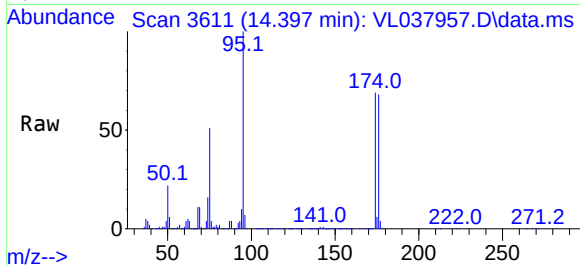
Tgt Ion:117 Resp: 3582100
Ion Ratio Lower Upper
117 100
82 64.8 51.0 76.6
119 33.9 26.9 40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.546 ppbv
RT: 14.397 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL037957.D
Acq: 2 Nov 2021 3:29

Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 95 Resp: 248558
Ion Ratio Lower Upper
95 100
174 77.5 58.3 87.5
175 5.5 4.6 6.8

Manual Integrations
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